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FACT FILE FOR BASEMENTS

7 SOLUTIONS FOR DIFFICULT  
EXTERIOR DESIGN PROBLEMS

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ONE WISE FAMILY'S FIRST  
ADD-AN-ADDITION PROJECT

SPRING • SUMMER NO. 19



PUBLISHED TWICE YEARLY

10th ANNIVERSARY YEAR

# HOME MODERNIZING GUIDE

ccc



Your Guide to Remodeling and Improvement







# USEFUL THINGS TO KNOW ABOUT REMODELING WITH SHEET VINYL FLOORS

WITH NEWS ABOUT HOW TO GET FREE  
CUSTOM-PLANNED DECORATING HELP

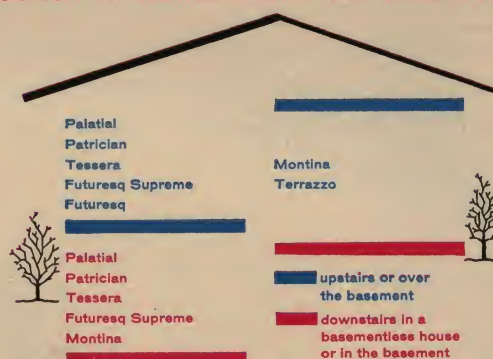
Whatever kinds of floors you may want for your home, it's important to know beforehand how to select the ones best suited to your decorative, practical, and financial needs. This guide tells you all about sheet vinyl floors. They come in long rolls, 6' wide. And they're one of today's most important and useful decorating materials. With its interesting colorings and design effects, a sheet vinyl floor provides a handsome background for an entire room and everything in it. And it provides a virtually seamless sheet of vinyl wall-to-wall—making the room much easier to keep clean. The Armstrong brand name for these floors is Vinyl Corlon, and the different kinds of Corlon are designated by trademark names such as Palatial or Tessera—names suggestive of their decorative appearance.

**THERE'S NO LIMIT TO THE DECORATIVE EFFECTS YOU CAN CREATE WITH VINYL CORLON FLOORS.** The wide range of colors and designs in Armstrong Vinyl Corlon makes these floors suitable for any decorating plan: modern, traditional, mixtures of styles, or what you will. Some styles of Corlon are quiet and recessive. Some are colorful and dramatic. When the Armstrong stylists design these floors, they always take into account the effect the floor should have in relation to the other furnishings and colors in a room. Below, you see a few of the different styles available. And at left, you see how one of these floors—Tessera Corlon—enhances a room. Your flooring dealer will show you the range of colorings and design effects, and, as explained below, the professional decorators at Armstrong will help with your color schemes.

**HOW TO GIVE YOUR HOME INDIVIDUAL DISTINCTION.** All sorts of distinctive custom-design effects can be easily created with sheet vinyl floors for very little extra cost. With Vinyl Corlon, you can have two or more colorings installed in graceful, sweeping curves—a smart effect that's next to impossible with tile. Or you might use contrasting designs to subdivide a dual-purpose room, such as a living-dining room, into separate areas. Or you could use Armstrong Decorator Inlays—ready-made stars, circles, and other designs—and colorful feature strips—as decorative accents.

**HOW MUCH CARE DO THESE FLOORS REALLY NEED?** Some people claim that vinyl floors don't need waxing. But the floor-care experts at Armstrong know that this just isn't true. Like other good materials, Armstrong Corlon floors (and all other floors, for that matter) do need a certain amount of attention to keep them looking their very best. They should be damp-mopped occasionally and given a smooth, thin coating of good floor polish. How often depends on how much wear your floors receive. It is true, however, that Vinyl Corlon floors need less care than most other floors. Vinyl itself is a wonderfully smooth, extremely durable material. And it isn't harmed by most of the things that might be spilled about the house. Certain Corlon floor stylings, such as Tessera, have textured surfaces, that help hide the marks today's spike heels can make on floors.

**YOU CAN USE SHEET VINYL FLOORS IN ANY PART OF YOUR HOME.** From both decorative and housekeeping considerations, an Armstrong Corlon floor is a good choice for any room in your home. The monolithic, built-in look that these virtually seamless floors provide is especially popular these days. It's a pleasant change from the broken-up look of tile and wood, which have joints every few inches. And, as the chart indicates, most kinds of Armstrong Corlon can be used in any area of your home—upstairs or over the basement, on ground level in a basementless house, or even in the basement. That's because sheet Vinyl Corlon is available with the exclusive



WHERE TO USE VINYL CORLON FLOORS

## Armstrong VINYL FLOORS

**RANDOM-CHIP DESIGN: TESSERA CORLON.** Monochromatic or multicolor effects. About \$180 installed in a 12' x 15' area. (Below, 86546. Left, 86538.)



**SHIMMERING TRACERY: PALATIAL CORLON.** Golden and silvery accents in a subtle background. About \$195 installed in a 12' x 15' area. (Below, 87001.)



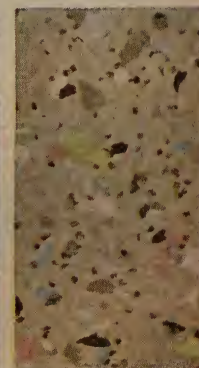
**CHIPSTONE DESIGN: PATRICIAN CORLON.** Pearlescent and metallic chips set in clear vinyl. About \$160 installed in a 12' x 15' area. (Below, Style 86010.)



**NEW IDEA! MOTTLED CHIPS: MONTINA CORLON.** Looks like natural-stone fragments "floating" in vinyl. About \$225 installed in a 12' x 15' area. (Below, 86701.)



**METALLIC SPARKLE: FUTURESQ CORLON.** Jewel-like accents in richly colored vinyl backgrounds. About \$145 installed in a 12' x 15' area. (Shown, Style 6813.)



**Armstrong Hydrocord Back.** Hydrocord makes these floors immune to the alkali moisture always found in concrete in touch with the ground.

**HOW MUCH WILL YOU PAY FOR YOUR NEW FLOOR?** Some sheet vinyl floors are quite inexpensive, such as Terrazzo Corlon, which costs about \$95 installed in a 12' x 15' room. (We couldn't show Terrazzo here, but you can see it at your dealer's.) Others are frankly expensive: Montina Corlon costs about \$225 installed in the same-sized room. As with other products, price depends on the costs necessary to achieve certain design effects, the composition of the floor, and similar manufacturing considerations. But regardless of the cost of your new Corlon floor, you can be certain of getting years of satisfaction. We can't tell you exactly how much your floor will cost, because installed prices vary according to room size and shape, custom designs—if any—local labor rates, and the subfloor condition. Your dealer or flooring contractor will give you a free estimate without obligation. Easy terms are usually available.

**SPECIAL! FREE DECORATING HELP PLANNED JUST FOR YOU.** The professional decorators at the Armstrong Bureau of Interior Design will provide you with color schemes—including fabric and paint swatches—decorating ideas and custom floor designs, all specially prepared for your home and your tastes. There's no charge for this service. Here's all you have to do: First, see your flooring dealer or contractor, and choose your new Armstrong floor—or floors. Then write and tell us what Armstrong floors you've chosen and what rooms they're for. It's not imperative, but it's useful to our decorators if you indicate the style of furnishings and the general colorings you have in mind. (This service, by the way, is available for one room or a whole house.) Send the information—including your dealer's name—to Armstrong Bureau of Interior Design, Dept. HM-62, Lancaster, Pa. In Canada, Dept. HM-62, Box 919, Montreal, P. Q.

Tessera, Palatial®, Hydrocord®, Terrazzo, Patrician®, Montina, Futuresq, and Corlon® are trademarks of Armstrong Cork Co.



# Now you can color-choose your paneling

...and these *Royalcote* panels do an 8' by 12' wall for less than \$30!



1. How lush the living room done in *Royalcote Sable Walnut*. Yet all the paneling in the area shown cost less than \$30! 2. For an Early American setting, choose *Royalcote Honeytone Cherry*. Easy does it—no sealing or varnishing—your panels come factory-finished. 3. In the family room: *Royalcote Glacier Walnut*. Here is a wall that “goes with anything.” 4. Brightening baby’s room are walls of *Royalcote Natura Cherry*. Cleaning? Just a damp sponge! 5. The subtle luxury of *Royalcote Tawny Walnut* makes for gracious dining. 6. This inviting entry is paneled in *Royalcote Frosted Cherry*. No splits or cracks, not ever—all *Royalcote* panels are genuine *Masonite* hardboard!



## MASONITE shows the way

See the Yellow Pages for your nearest dealer: under Building Materials



For remodeling ideas book, write *Masonite Corporation*, Dept. HM-SS, Box 777, Chicago 90, Illinois. In Canada: *Masonite Company of Canada, Ltd.*, Gatineau, Quebec.



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Always look for this trademark on the paneling you buy: it says this is genuine *Masonite* hardboard. It's wood-made-better...made through the exclusive explosion process for unequalled strength, smoothness and uniformity.



NEW FROM AMERICAN-STANDARD

# A WAY TO MAKE ONE BATHROOM TAKE THE PLACE OF TWO

When there isn't enough floor space for two bathrooms, skillful planning makes one do the work of two. For instance, put the toilet in a compartment...an extra cabinet-lavatory in the dressing room or bedroom...and two or three people can use the bathroom at a time. Whether

you are building or modernizing, choose American-Standard products. They are designed to give longer, care-free service, to add extra beauty, convenience and resale value to your home.



The big, one-piece, easy-to-keep-clean china tops of the twin Gracelyns are in decorator colors or white... the roomy storage cabinets are a neutral beige.

New, off-center design of the 16" high Contour bathtub provides extra bathing roominess, brings the back of the tub close for easy cleaning and forms two corner ledges. One is a roomy shelf, the other a handy seat.

Off-the-floor Norwall toilet provides a smart look, new ease of cleaning... just swish a mop under, around it.



For more facts see an American-Standard retailer listed in the Yellow Pages under "plumbers" or "plumbing supplies," or mail coupon below.

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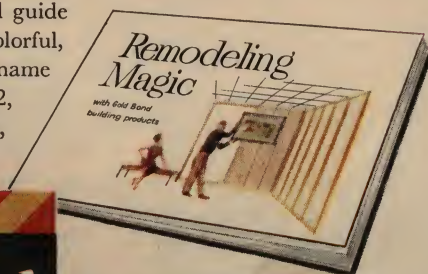
**Need a new partition?** Just set up panels of new Gold Bond Spiral-Core and secure to floor and ceiling. No studding is required. That's it. You have a space-saving 2 $\frac{3}{8}$ " wall that's so sturdy you'd think it was a foot thick.

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New deep-design Saracen inlaid vinyl floors were created for the spacious room-to-room look! The deep-down beauty of this luxurious gold-flecked Saracen pattern glistens clear through. The size of the jacks tells you the perfect size of the inlaid chips. Note, too, the smooth way the vinyl extends up the wall. That's what flooring men call "coving"—a good-looking extra that more than pays for itself in easier cleaning!



Floor plan shows one easy-to-keep-clean area

New decorator vinyl in "Spacemaker" width...seamless as broadloom!

Saracen®  
—newest vinyl floor  
by Congoleum-Nairn

THIS is the kind of beautiful deep-design inlaid vinyl you used to find only in decorator tiles. Now it comes by-the-yard—in the new "Spacemaker" width. A major technological breakthrough from Congoleum-Nairn! This new "Spacemaker" width vinyl sweeps from room to room, seamless as broadloom. Its wall-to-wall beauty flows in unbroken six-foot widths—makes rooms seem airier, brighter, bigger. New Saracen, an exceptionally beautiful "Spacemaker" pattern, is so sensibly priced. An average 9' x 12' area only about \$105 installed! For FREE sample of Saracen, write: Congoleum-Nairn, Dept. 37, Belgrove Drive, Kearny, N. J.





## Be realistic about real estate appraisals

By J. C. Porter

An important but little-known aspect of buying an old house and remodeling it is illustrated by the example of a family named Borden. The Bordens coveted a charming 30-year-old house with a sweeping river view, priced at \$18,000, even though the house was rundown. The estimated cost of a new kitchen, remodeled bathroom, new heating, and other urgent repairs came to an additional \$8,000. The Bordens could swing the deal for the house itself, but like other families in a similar situation their big stumbling block was how to finance the \$8,000 remodeling cost on top of the house price.

A savings and loan association official stepped in and showed them how. A real estate appraiser was called in to estimate what the house value would be *after completion of planned improvement*; in other words he gave an appraisal of the house's future worth. This enabled the Bordens to buy the house and pay for the \$8,000 remodeling cost all at one crack with one mortgage ("one piece of paper"). The Bordens, in effect, bought the \$18,000 house and paid for the additional \$8,000 worth of improvements in the same way they would otherwise obtain mortgage financing for a \$26,000 house purchase. Their cash down payment was predicated on this arrangement. A savings and loan association advanced the money as needed to pay the remodeling contractors. When the improvements were completed and the Bordens moved in, their mortgage for house plus improvements went into effect and they started paying it off monthly. A one-package mortgage deal made it possible.

**Various details, of course, had to be worked out. For example, firm bids for the remodeling work were obtained in advance. This forestalled the**  
(Continued on page 12)

Door Knobs



Coat Hooks



Switch Plates



Drawer Pulls



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# HOME MODERNIZING GUIDE

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## MODERNIZING FEATURES

Home Modernizing Guide's fact file on basements	17
Think of the youngsters and their long-term benefits when you remodel	18
The cover house—A versatile addition is the first resort for many houses	22
Select a new style when you modernize an exterior	24
The chimney with a house	26
	50

## MODERNIZING SERVICES

Be realistic about real estate appraisals	39
How to find financing	7
Think twice about your insurance coverage	40
What you should know about utilities	42
How to select: carpenters and masons, plumbers, painters and electricians . . . all the labor	46
Don't ignore building codes	48
	81

## MODERNIZING DESIGN SECTION

Put paint and architecture to work, modernize for \$1,032	53
Good ways to spend less than \$2,500 on a good house	54
Choose the best plan for family and funds, \$2,000 or \$3,000	55
A coverall roof caps total change of personality, \$10,500	56
Intrinsic Colonial character emphasized for \$3,600	57
Facade-lifting plan gets a lot done for less than \$5,000	58
	60

Major remodeling in four stages from \$1,767 to \$10,854	62
--	----

A contemporary attitude and more living space for \$16,500	66
--	----

## MODERNIZING INTERIOR DESIGN AND ARCHITECTURE

Three choice ways to design one room, low-to-high budget	69
Take stock of styling when you plan rooms	71
Delightful dining rooms don't just happen, they're planned	72
If your house is small, have a big kitchen-diner	74
	76

## MODERNIZING CONSTRUCTION

Fact file on basements	89
Don't ignore building codes	18
Materials make the big difference in the look, in the cost	81
	90

## MODERNIZING EQUIPMENT

Modern heating systems and how they function	99
Consider cooling when you plan your heating	100
10-point check list for a smooth-running laundry	101
A basic recipe for kitchen storage	102
How to make bathrooms both handsome and handy	104
Space-conscious bathroom	106
See what's new before you remodel your wiring	108
	120

## MODERNIZING DEPARTMENTS

Here's a helping hand with your home problem	84
Our readers tell us . . .	97
Index to Advertisers	116
Reader's Guide	122
Helpful Booklets	123
The Editor's Page	128

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### 'Remodeling' by an expert

Appropriately, HOME MODERNIZING GUIDE has had its own format remodeled by Walter P. Baermann, head of Walter P. Baermann Associates and a major figure in the field of graphics, industrial design, and architecture.

Mr. Baermann's background for his impressive career of assignments for many businesses the country over, began with his earning a PH.D. degree from the University of Munich and M.S. degrees in Architecture and Engineering.





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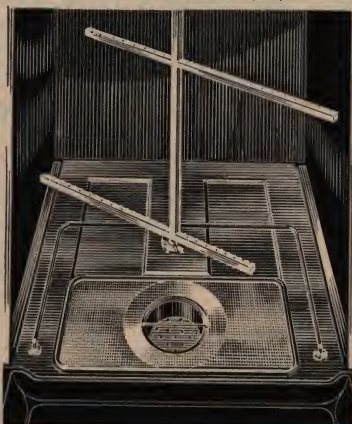
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## Be realistic about real estate appraisals

*(Continued from page 7)*

possibility of the remodeling cost later shooting way up over the \$8,000 estimate figured in the mortgage loan. And a reliable appraisal was necessary to assure the mortgage lender that the improved house would truly be worth the money invested. (You may pay \$10,000 to remodel an old house but the house value may not go up by more than \$5,000. This is why accurate advance appraisal is essential.)

The Bordens' case also puts emphasis on the key role of a real estate appraiser. His chief function is to evaluate the going market value of a property—what the property is worth and will sell for on the open market. The figure he comes up with is decisive in determining the amount of mortgage a lender will give on the house. Most lenders, incidentally, limit mortgage on older houses to from 60 to 80 percent of the *appraisal* value; more on new houses. The appraiser sets his appraisal value according to such things as the neighborhood (a key factor), house size and style, lot size, number of bedrooms, floor plan, condition of kitchen, bathrooms, overall house condition, and surprisingly to many people—the most recent selling prices of similar houses nearby. Recent sales prices are the best indicators of rising or falling demand and therefore of the actual market value of other houses nearby.

**Do not expect an appraiser, however, to give you a thorough evaluation of the structural quality of a house, and the condition of such things as the heating plant, plumbing, and wiring. This is not his job, and he is not likely to be a construction expert. What's more, most mortgage lenders do not ask for a thorough structural report. So just because a house has been checked by an appraiser sent out by the mortgage lender is absolutely no assurance whatever that the**

*(Continued on page 30)*





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## Drop-Leaf and French Door Wall Ovens

Fit standard 24-inch cabinets. 8 double and single oven models, one with Pull 'N Clean lower oven and three



with glass doors. All available in 4 colors, White and Brushed Chrome.

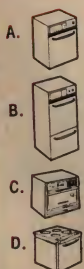
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Model	Exterior Dimensions—Inches		
	Height	Width	Depth
A. Super RBE-93, RBE-94A	29 $\frac{5}{8}$	23 $\frac{3}{4}$	23 $\frac{3}{4}$
A. DeLuxe RBE-94*	29 $\frac{5}{8}$	23 $\frac{3}{4}$	23 $\frac{3}{4}$
A. Imperial RBE-90, RBE-G95	29 $\frac{5}{8}$	23 $\frac{3}{4}$	23 $\frac{3}{4}$
B. Custom Imperial RBE-99*	44 $\frac{7}{8}$	23 $\frac{3}{4}$	23 $\frac{3}{4}$
C. Flair Wall Ovens (Custom Imperial RBGB-335 and DeLuxe RBGB-330)	27 $\frac{1}{2}$	30 $\frac{1}{8}$	17 $\frac{1}{8}$
D. Compact 30 Range RBE-530, RBE-533	25 $\frac{1}{8}$	30 $\frac{3}{8}$	22 $\frac{1}{4}$

\*Specifications also apply to glass window door models RBE-G94 and RBE-G99



Model	Installation Opening—Inches		
	Height	Width	Depth
E. Super RBE-93, RBE-94A	28 $\frac{1}{2}$	21 $\frac{1}{2}$	23 $\frac{3}{4}$
E. DeLuxe RBE-94*	28 $\frac{1}{2}$	21 $\frac{1}{2}$	23 $\frac{3}{4}$ †
E. Imperial RBE-90, RBE-G95	28 $\frac{1}{2}$	21 $\frac{1}{2}$	23 $\frac{3}{4}$ †
F. Custom Imperial RBE-99*	44	21 $\frac{1}{2}$	23 $\frac{3}{4}$ †
G. Flair Wall Ovens (Custom Imperial RBGB-335 and DeLuxe RBGB-330)	26	30 $\frac{3}{8}$	18 $\frac{1}{2}$
H. Compact 30 Range RBE-530, RBE-533	24 $\frac{1}{2}$	30	20 $\frac{1}{2}$

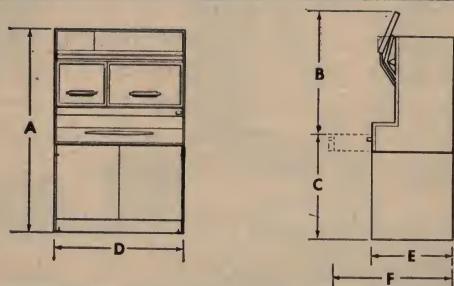
\*Specifications also apply to glass window door models RBE-G94 and RBE-G99  
†For optional Rotisserie, add  $\frac{1}{4}$ " to depth.



# For glamorous cooking *in any kitchen* choose the Frigidaire *Flair* Range!

Flair is the most beautiful thing to happen to kitchens in years. This free-standing electric range moves right into the place of your present range, giving your kitchen that "built-in" look. Cooks at your "comfort level" and features See-Level Ovens and Controls, exclusive See-In Glide-Up Oven Doors, Roll-To-You Cooking Top, Cook-Master Automatic Oven Control. Custom Imperial models offer every advanced Frigidaire cooking feature, including Spatter-Free Broiler Grill, Heat-Minder Surface Unit, Speed-Heat Surface Unit, Automatic Meat Tender. Four models to choose from—both 30 and 40-inch sizes. Available with side panels in Mayfair Pink, Sunny Yellow, Aztec Copper, Turquoise or White. Base cabinet, exhaust hood and rotisserie optional.

If you prefer a conventional free-standing range... choose a Frigidaire Automatic Electric Range, available in 30 and 40-inch sizes. All Frigidaire cooking features available. Some models have the revolutionary Pull 'N Clean Oven that lets you clean without slaving! Four colors on some models.



Dimensions—Inches	Custom Imperial		Custom DeLuxe		Dimensions—Inches	Custom Imperial		Custom DeLuxe	
	30" RCIB-635	40" RCIB-645	30" RCDB-630	40" RCDB-640		30" RCIB-635	40" RCIB-645	30" RCDB-630	40" RCDB-640
*A	62 $\frac{1}{2}$	62 $\frac{1}{2}$	62 $\frac{1}{2}$	62 $\frac{1}{2}$	D	30	40	30	40
B	37 $\frac{1}{2}$	37 $\frac{1}{2}$	37 $\frac{1}{2}$	37 $\frac{1}{2}$	E	25	25	25	25
C	32	32	32	32	F	38 $\frac{3}{4}$	38 $\frac{3}{4}$	38 $\frac{3}{4}$	38 $\frac{3}{4}$

\*Total height with optional exhaust hood: 70".

## If your choice is a Frigidaire Wall Oven, match its styling with a convenient, space-saving Frigidaire Cooking Top!



**BUILT-IN COOKING TOPS** match Wall Ovens perfectly—in styling, performance and convenience. Models for every budget in colors and Brushed Chrome. Four models include combinations of features such as 6" and 8" units; Speed-Heat Units; Heat-Minder Units; Infinite Heat Switches; Remote Controls; shallow depth for maximum drawer space and easy installation.



**FOLD-BACK SURFACE UNITS**—fold back neatly and safely out of the way, even while hot. Add important counter work space. Easy to clean in Brushed Chrome. Three models to choose from in 2-unit or 4-unit assemblies. Feature 6" and 8" cooking units; Heat-Minder and Speed-Heat Units on some; Infinite Heat Switches; left and right-hand control panels.

COOKING TOP DIMENSIONS—Inches

Model	Width	Depth	Depth Below Top of Counter	Counter-Top Opening	
				Width	Depth
Super RBB-102	23	21	3 $\frac{3}{4}$	22 $\frac{1}{2}$	20
DeLuxe RBB-100	32 $\frac{1}{4}$	20 $\frac{1}{4}$	3 $\frac{1}{4}$	31	19
Imperial RBB-101	32 $\frac{1}{4}$	20 $\frac{1}{4}$	3 $\frac{1}{4}$	31	19
Custom Imperial RBB-201	32 $\frac{1}{4}$	20 $\frac{1}{4}$	3 $\frac{1}{4}$	31	19

FOLD-BACK SURFACE UNIT DIMENSIONS—Inches

Model	Width			Height		Depth	
	Overall	Each Fold-Back Section	Control Panel	Overall	Units in Operating Position	Closed	Units in Operating Position
DeLuxe RBB-81	23 $\frac{3}{4}$	20 $\frac{1}{4}$	3 $\frac{1}{2}$	14 $\frac{1}{4}$	4	5 $\frac{1}{4}$	17 $\frac{1}{4}$
Imperial RBB-82	23 $\frac{3}{4}$	20 $\frac{1}{4}$	3 $\frac{1}{2}$	14 $\frac{1}{4}$	4	5 $\frac{1}{4}$	17 $\frac{1}{4}$
Custom Imperial RBB-84	47 $\frac{1}{4}$	20 $\frac{1}{4}$ (2)	3 $\frac{1}{2}$ (2)	14 $\frac{1}{4}$	4	5 $\frac{1}{4}$	17 $\frac{1}{4}$



Breakfast dishes! Luncheon dishes! Dinner dishes!

Many families can  
*do them all at once*

with a

## FRIGIDAIRE DISHWASHER

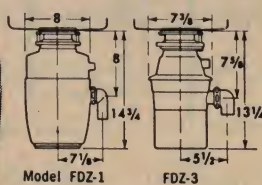


Easy front-loading; powerful Swirling Water Washing Action; capacity for once-a-day dishwashing for an average family of four... with every Frigidaire Custom Imperial or DeLuxe Under-counter Dishwasher! Load both Roll-To-You Racks easily. Dish-Minder Dial offers 4-cycles, including plate-warmer. 2400 walls of searching hot water per minute seek every surface. Radiantube Heating Unit maintains temperature for complete sanitation. No extra scraping or rinsing. Add a dish anytime. Also convertible front-loading Dishmobile, plus 2 top-loading mobile models. Four colors. White and Brushed Chrome on most models.

End garbage-handling forever!

### FRIGIDAIRE DISPOSERS

Ideal companion to your Frigidaire Dishwasher! 30% to 50% faster. Quieter, too—thanks to insulated jacket (FDZ-1 shown), rubber-cushioned connections. Fits sinks with  $3\frac{1}{2}$ " drain opening. Two models.



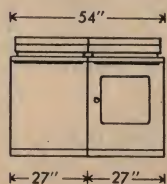
DISHWASHER DIMENSIONS—Inches

Model	Height	Width	Depth	
			Over Hardware	Door Open
DeLuxe Under-counter DW-DUB	34 $\frac{1}{4}$	23 $\frac{1}{4}$	25 $\frac{1}{4}$	45 $\frac{1}{4}$
Custom Imperial Under-counter DW-IUB	34 $\frac{1}{4}$	23 $\frac{1}{4}$	25 $\frac{1}{4}$	45 $\frac{1}{4}$

*For thorough cleaning,  
fast drying—*

## FRIGIDAIRE WASHERS, DRYERS

15-YEAR LIFETIME TEST of Frigidaire Washers. Right now, 1962 Frigidaire Washers are being run continuously in tests simulating 15 years of operation. Some of these washers will require repair—others will not. But as a result of these tests, improvements are continually being made... your assurance that Frigidaire is determined to "make it better"—to build the most dependable Automatic Washer. Patented 3-Ring Agitator bathes deep dirt out without beating—plus many other features. Include a perfectly matched Frigidaire Dryer with Flowing Heat. No-Vent models available with exclusive Filtrator to eliminate plumbing and venting expense. Most models available in color.



### WASHER AND DRYER DIMENSIONS

Height to top of control panel (X)

All Custom Imperial Washer and Dryer models—44 $\frac{1}{2}$ "

All Imperial Washer and Dryer models—43 $\frac{1}{4}$ "

Custom DeLuxe Washer WCD-62—43 $\frac{1}{4}$ "

Custom DeLuxe Washer WCDA-62—40 $\frac{3}{8}$ "

DeLuxe Washer and Dryer models WD-62, WDR-62, WDP-62, WDL-62, DD-62, DDL-62, DDG-62, DDGL-62, DDG-62LP—43 $\frac{1}{4}$ "

DeLuxe Washer and Dryer models WDA-62, DDA-62, DDAG-62—40 $\frac{3}{8}$ "

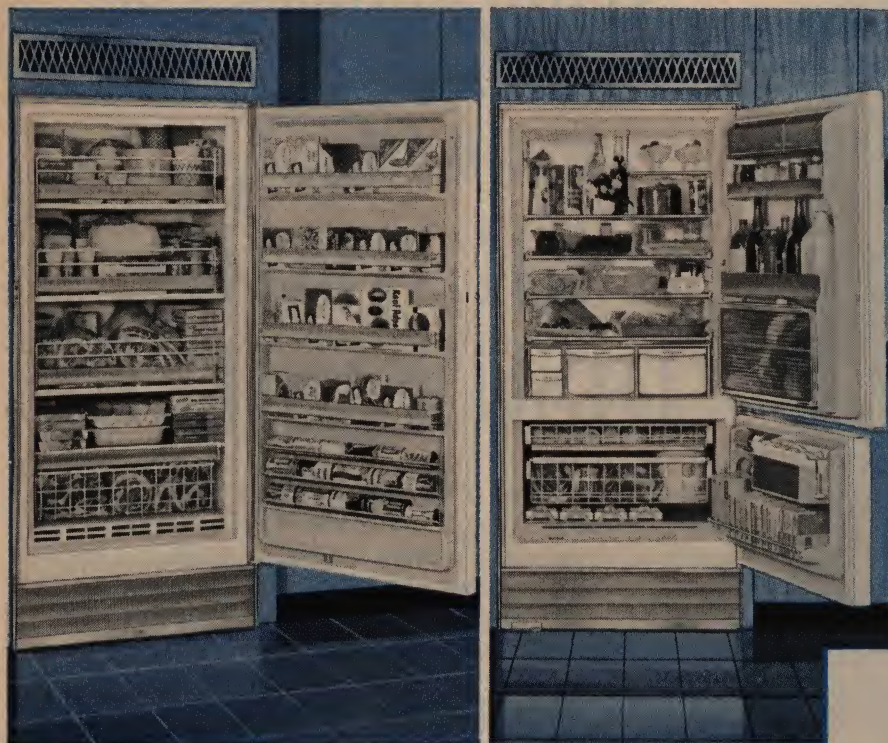
Height to top of washer lid when open—54"

Width of washer with lid open—40 $\frac{1}{4}$ "

Allow approximately 18" at front of dryer for door clearance swing



# You enjoy guaranteed\* no defrosting with Frigidaire *Frost-Proof* REFRIGERATORS, FREEZERS



Yes, it's guaranteed\*. Frost never forms in the freezer or refrigerator sections of Frost-Proof Refrigerator-Freezers . . . never forms in Frost-Proof Upright Freezers. As shown at left, some refrigerators and freezers match perfectly as a recessed, built-in pair. Many models available in four colors plus white. Models to suit every family size and budget.

## FRIGIDAIRE REFRIGERATORS

Frost-Proof Refrigerator-Freezers—\*††FPI-15B-62, \*#PFPI-15B-62, \*††FPI-13B-62, \*#PFPI-13B-62, \*†FPI-14T-62, \*#PFPI-14T-62, \*FPD-13B-62, FPD-14T-62

Conventional Refrigerator-Freezers (Automatic defrosting in separate refrigerator section)—

\*†FI-13T-62, FD-13T-62, FD-13-62, FD-11-62

Conventional Refrigerators—

D-14-62, D-12-62, DA-12-62, D-10-62, S-10-62

\*Models with Flip Quick Ice Ejector.

†Choice of 4 colors.

‡Choice of Brushed Chrome Doors.

#White Porcelain Enamel.

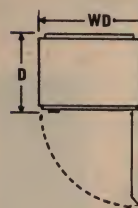
## FRIGIDAIRE UPRIGHT FOOD FREEZERS

- Frost-Proof models—UFPI-17-62, UFPD-12-62
- Full-width door shelves—all models
- Sliding basket drawers—UFPI-17-62, UFD-21-62, UFD-15-62
- Choice of 4 colors—UFPI-17-62
- Ask about the Food Spoilage Warranty

\*Frigidaire Frost-Proof Guarantee. Without any cost to owner or user, at any time within one year from date of delivery, Frigidaire will make all necessary adjustments to the Frost-Proof Refrigerator-Freezer or Food Freezer to prevent accumulation of frost.

(DIMENSIONS CHART)

Refrigerators	H	*W	D	**WD
Super S-10-62	57½	24	28½	25½
DeLuxe				
D-10-62	57½	24	28½	25½
DA-12-62	59½	30	28½	30
D-12-62	59½	30	28½	30
D-14-62	64	32	28½	34½
FD-11-62	59½	30	28½	30
FD-13-62	64	32	28½	34½
FD-13T-62	64	32	28½	34½
Frost-Proof DeLuxe				
FPD-14T-62	64	32	28½	34½
FPD-13B-62	64	32	29½	34½
Imperial				
FI-13T-62	64	32	28½	34½
Frost-Proof Imperial				
FPI-14T-62	64	32	28½	34½
FPI-13B-62	64	32	29½	34½
FPI-15B-62	69¾	32	28½	35½
Upright Food Freezers	H	*W	D	**WD
DeLuxe				
UFD-11-62	59¾	30	28½	30
UFD-13-62	64	†32	29½	32½
UFD-15-62	69¾	†32	29½	39
UFD-21-62	70	†36½	32	43½
DeLuxe Frost-Proof				
UFPD-12-62	64	32	29½	32½
Imperial Frost-Proof				
UFPI-17-62	69¾	†32	29½	35½



\*Allow ¼" additional width for recessed installation.

\*\*Required only when cabinet is against wall on hinge side of door.

†Additional 2" to insert key in lock if built-in flush with front.

*And for cool, dry air in every room*

## SOLID COMFORT Frigidaire Room Air Conditioners



Solid Comfort means full capacity, fast cooling, real dehumidifying, quiet operation . . . and that's what you enjoy with Frigidaire Room Air Conditioners. Eleven window-mount models plus others for Thru-the-Wall installation—some that both cool and heat. Do-it-yourself installation; removable, washable filters.

Frigidaire reserves the right to change specifications, and prices, or to discontinue models without notice.

(DIMENSIONS CHART)

	Width	Depth	Height	Cooling Capacities BTU/HR. **
<b>Bedroom Models</b>				
DeLuxe AD-6LE, Custom DeLuxe ACD-7LE, ACD-8ME ACDR-9E*	26"	18¼"	16"	6,000 to 8,600
<b>Living Room Models</b>				
DeLuxe AD-12E	26"	27"	16"	8,000 to 12,000
Custom DeLuxe ACD-8ME	26"	18¼"	16"	
ACDR-9E*, ACD-9E, ACD-10ME	26"	18¼"	16"	
Imperial AI-10E	26"	18¼"	16"	
<b>Multi-Room Models</b>				
DeLuxe AD-12E	26"	27"	16"	10,000 to 19,000
Custom DeLuxe ACD-15E	26"	27"	16"	
ACDR-15E*, ACD-19E	26"	27"	16"	
Imperial AI-10E	26"	18¼"	16"	

\*All-Seasons Model with cooling and heating.

\*\*NEMA Standard. Models also available for Thru-the-Wall installation.



**FRIGIDAIRE**  
PRODUCT OF GENERAL MOTORS

*Advanced Appliances designed with you in mind*

For more information, see Frigidaire Appliances in model homes; visit your Frigidaire Built-In or Appliance Dealer; or write FRIGIDAIRE DIVISION, GMC, Dayton 1, Ohio.



## One-at-a-time projects

Few people can afford *total* modernizing at one fell swoop. If that is your problem you need not dismay. For there are many one-of-a-kind projects you can take on. If you make a plan for your *total* job, you will enjoy all the more these step-by-step progressions toward your ideal. And the whole house—every area in detail—is the constant concern of HOME MODERNIZING GUIDE.

On the following pages you will find sound ideas and solid facts—suggestions and carried-out improvements—on several single projects.

If you have a problem basement, consult the Fact File on Basements—one of a continuing series on different areas. It includes new but tested ideas, methods, and materials for developing a frequently dank, dark spot into sunny living space.

If you have growing children, you'll be interested in the article illustrating ways of giving them their own domain for studying, playing, and sleeping.

And you grown-ups get your share of attention in another project—the addition, which in this case helps merge a pleasant inside-outside living area for the enjoyment of an older couple.

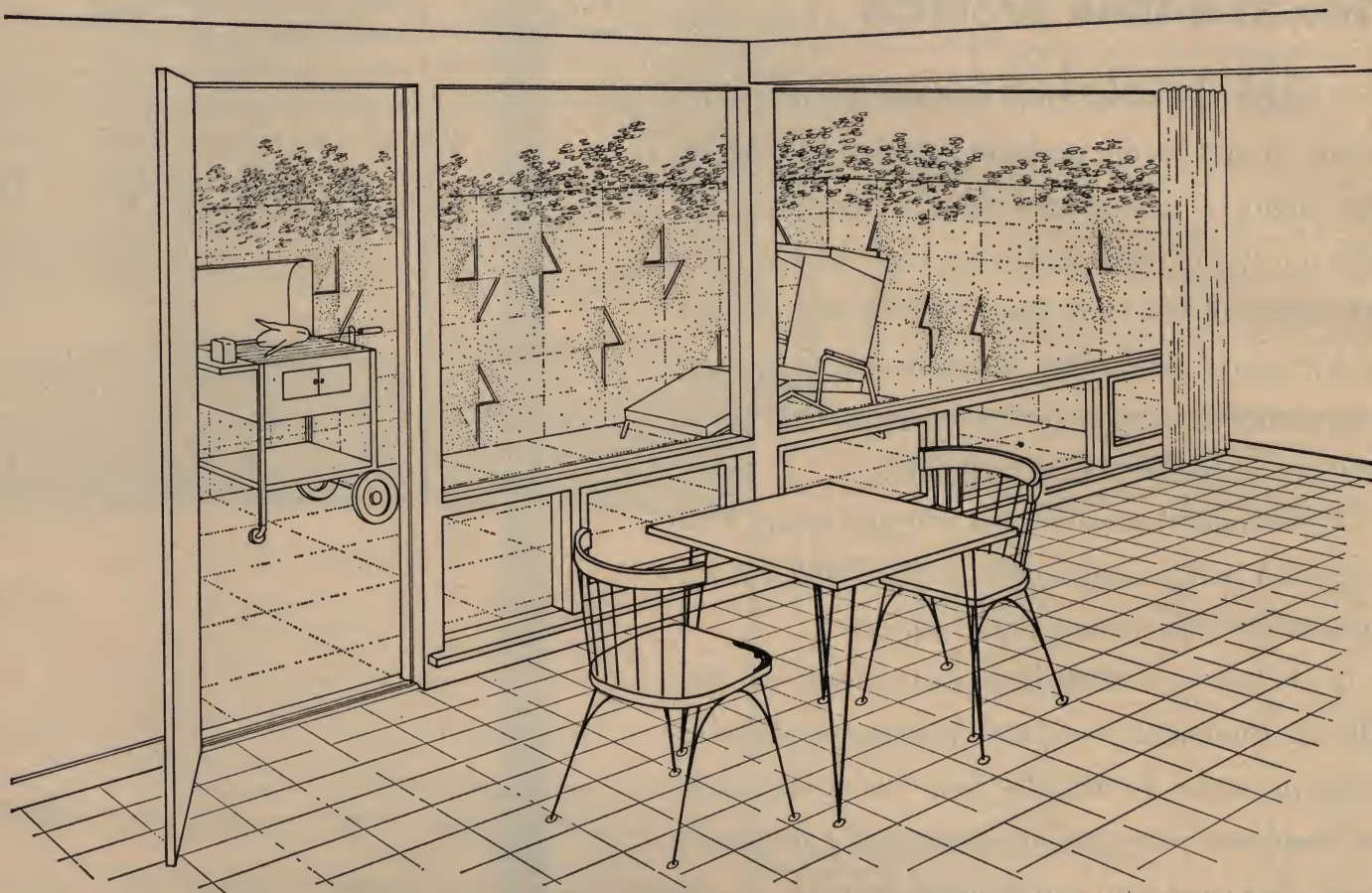
For a house with a dull facade, there's an excellent example of complete renewal. The so-so Spanish style shown went through a "fashion" change and came out distinctive French Regency.

Fact File on Basements	18
Think of the youngsters... when you remodel	22
A versatile addition is the <u>first</u> resort for many houses	24
Select a new style when you modernize an exterior	26



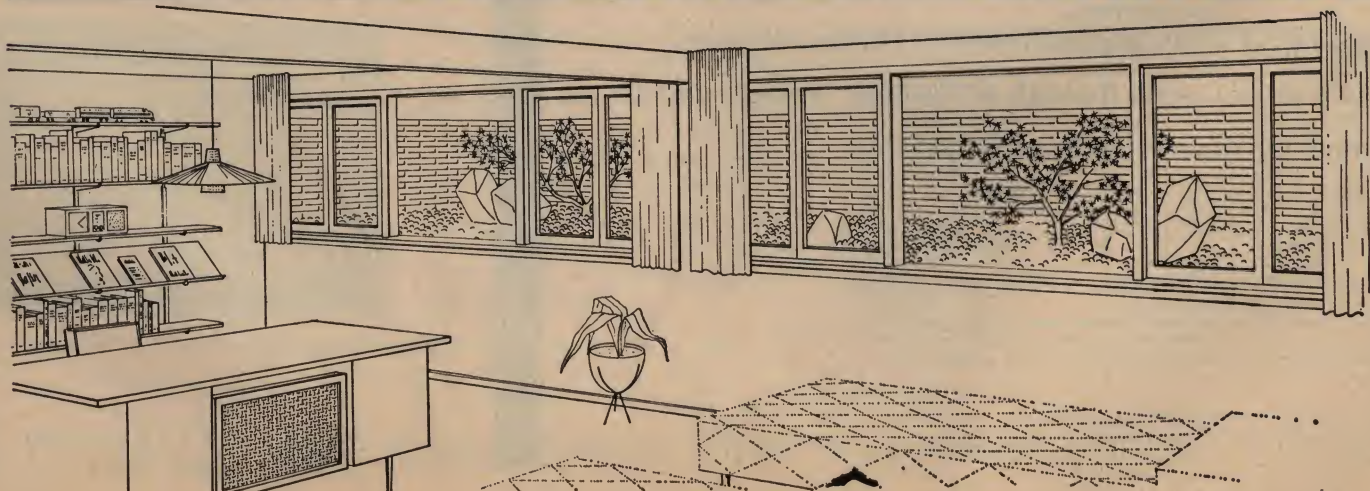
## Home Modernizing Guide's Fact File on Basements

By William C. Fitt



**I**MAGINE your basement as a dry, sunny, fully livable area! By combining modern materials with thoughts not bound by convention or tradition, you can include much of your present basement in the space available for everyday living. While a really *wet* basement will need waterproofing of some sort, the dampness or humidity

usually associated with basements can be combatted with sunlight and good ventilation in conjunction with insulating materials which control both temperature and moisture penetration. An excavation alongside will enable you to open your basement with partial or full-height windows—to make full use of a “part-time” room.





## KEEP IN MIND:

Maximum natural daylight is of prime importance in the improvement of lower-level living areas. Most of us have seen the split-level or hillside type of construction in which large glass areas open up space that might, under varying site conditions, be basement. Areaways can create, in effect, hillside sites.

Good ventilation and air circulation, encouraged by large windows reduce humidity. Assisted by a dehumidifier (if necessary) during summer months and the natural drying effect of the heating system in cold weather, good circulation maintains a comfortable atmosphere in lower levels.

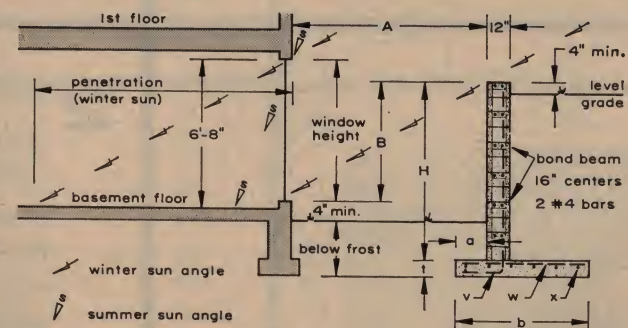
High reflective values for all surfaces will tend to create a brighter, more cheerful result. Walls, ceilings, floor coverings, draperies, and furnishings should all be planned toward this end. Properly selected colors can influence both comfort and mood in a room and thoughtful consideration of them is important.

Landscaping of the areaway should be planned for total effect; plantings scaled to the confined setting. Gravel or crushed rock ground cover adds texture, eliminates grass maintenance and reflects light into the living area. Night lighting creates a dramatic mural for your new room.

### Use this data to obtain maximum sunlight in your basement rooms:

**Areaways** should be planned to admit maximum sunlight. Sun angles at solar noon (not necessarily local time) are shown for a wall facing due south. If excavation beyond house is unrestricted, determine A from sill position. If A is restricted, calculate B using chart factor with dimension A.

**Retaining walls** may be built of brick, reinforced concrete, broken concrete slabs, flat rocks or running bond concrete blocks reinforced as shown.



North Latitude	25°	30°	35°	40°	45°	50°
June 21st	88°	83°15'	78°15'	73°30'	68°15'	63°45'
December 21st	42°30'	37°	32°	26°45'	22°15'	17°30'
To Find "A"	0.9143xB	0.7547xB	0.6275xB	0.5063xB	0.4113xB	0.3175xB
To Find "B"	1.0938xA	1.3250xA	1.5737xA	1.9750xA	2.4312xA	3.1500xA
Penetration	7'3½"	8'10"	10'7½"	13'2"	16'2½"	21'0"

H	3'4"	4'0"	4'8"	5'4"	6'0"
a	0'8"	0'10"	1'0"	1'2"	1'3"
b	2'4"	2'9"	3'3"	3'8"	4'2"
t	0'9"	0'9"	0'10"	0'10"	1'0"
v	#3-32" o.c.*	#3-32" o.c.	#4-32" o.c.	#4-24" o.c.	#4-16" o.c.
w	#3-27" o.c.	#3-27" o.c.	#3-27" o.c.	#3-25" o.c.	#4-30" o.c.
x	#3-12" o.c.	#3-12" o.c.	#3-12" o.c.	#3-12" o.c.	#3-12" o.c.

\*on center



Fact File on Basements  
(Continued from page 19)

## Methods and materials for improving your basement

**Expanded polystyrene is a material so light a child can balance a nine-foot board on his fingertips, yet is strong and easily worked without special tools.**

This plastic material—extruded polystyrene—is foamed to form tiny cells that effectively restrict heat and vapor passage through the substance.

**The resulting product is one that actually increases in thermal insulating value as the temperature decreases—an extremely important value in insulation.**

While expanded polystyrene cannot be used to stop water leakage into a basement, it forms a most efficient barrier against the transmission of vapor from below-grade walls.

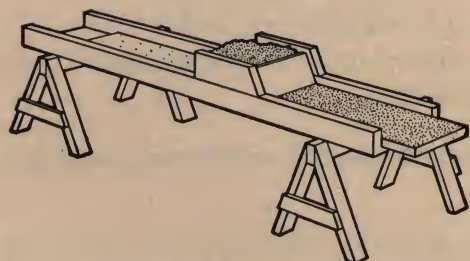
The material has been available commercially since 1946 and has been used extensively in cold-storage installations for many years.

**In residential construction it forms an excellent plaster base; and with the recent production of suitable adhesives it can now be used with dry-wall.**

At this time it is safe to assume that economical adhesives will soon be on the market to permit job lamination of plywood and hardboard.

**Your building department may not be familiar with the material as applied to the use proposed here. In such cases, suggest that the builder consult the manufacturers for complete information.**

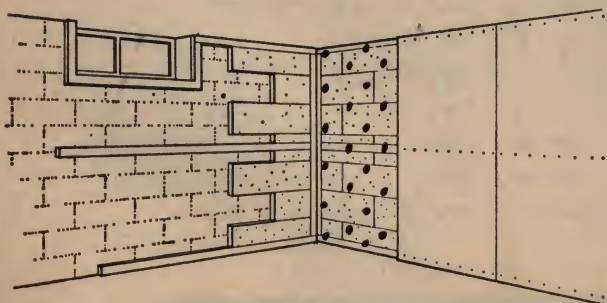
### It's as simple as . . .



- 1 To apply extruded polystyrene you will need a simple "push-box" for spreading an even coat of mortar on the insulation board. *Don't use a trowel.* Place a piece in the push-box, fill the hopper with mortar and push each piece through with the next. Use portland cement mortar with unpainted masonry walls; latex modified mortar on painted masonry or cured smooth concrete.

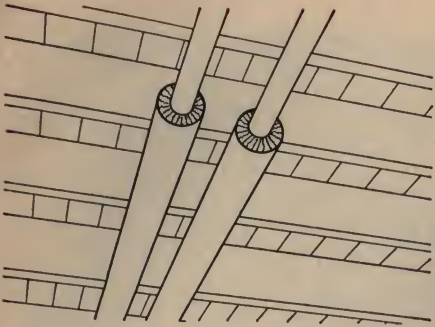


- 2 Simply press the mortared board to the dampened basement wall. Do not tap or slide the board in place. The insulation can be grooved or cut very easily for fitting around pipes and electrical outlets. The application of plaster is probably best handled by professionals but requires no different techniques than those used in the application of plaster to other base materials.



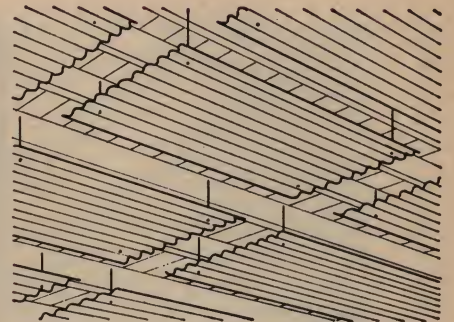
- 3 For dry-wall finish a treated nailer strip should be fastened to the wall at ceiling, floor, midpoint, and around openings. After insulation has been in place at least 24 hours, apply wallboard laminating adhesive to the insulation in 4" spots on 16" centers. Place  $\frac{3}{8}$ " wallboard in place and nail to nailer strips. After 24 hours finish the wallboard in the conventional manner.



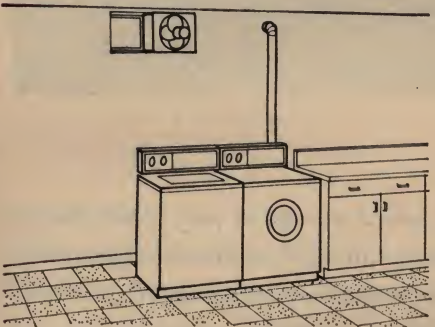


Insulate or wrap pipes that will be concealed in your finished rooms to protect against the possibility of damaging condensation. For this protection, several different methods are offered, from brush-applied coatings through wrapping strips to preformed and sized sections of pipe and fitting insulation.

Use recessed lights for general illumination with finished ceilings. Fluorescent strips and incandescent fixtures plus numerous types of spotlights are available for dramatic lighting effects. Supplement these built-in fixtures with wall, table or floor lamps for variety in your room.

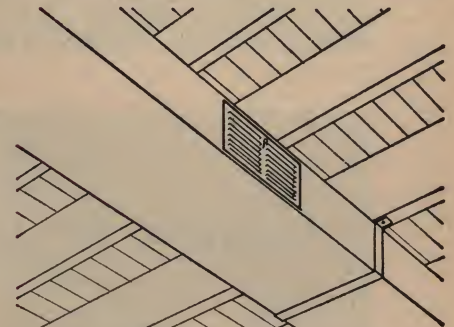
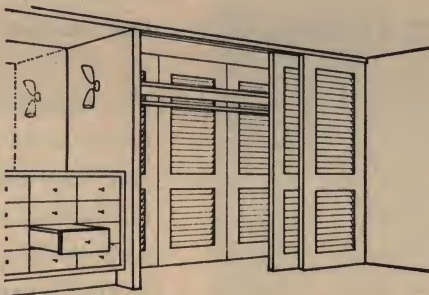


Hang plastic panels from an unfinished basement ceiling for good general lighting with inexpensive utility fixtures. A coat of flat black paint on exposed joists and sub-flooring makes pipes and wires less obvious. Be sure to use reflector-type fixtures so light is not lost in the black paint but distributed over the area.

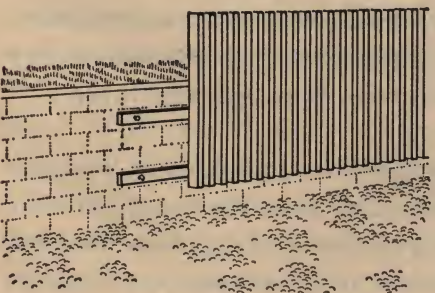


Vent appliances and laundry to the outside. Wire a window fan to a humidistat to exhaust humid air from hot water and dryer. A humidistat operates in relation to humidity just as a thermostat operates a heating system according to temperature variations.

Keep closets ventilated in basement areas where clothing is to be stored. Use louvered doors for the back wall of a closet with sliding or bi-fold louvered doors for access. Molded plastic drawers eliminate any possibility of warping or sticking. Louvers allow air to circulate throughout the basement beyond closets.

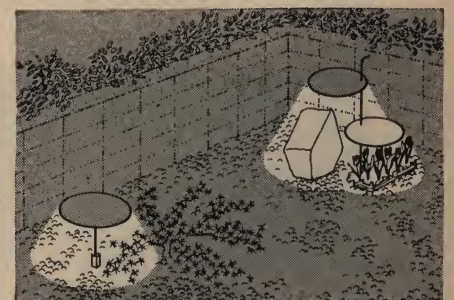
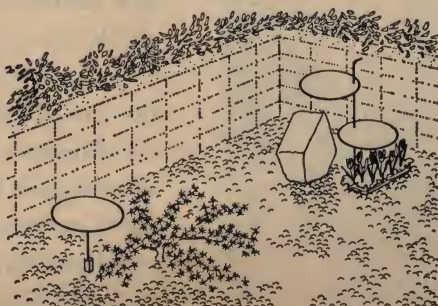


Plan for adequate heat—important in any modernizing project. A competent heating contractor will investigate your system and make revisions to compensate for changes in basement structure, layout, and use. Basement areas usually involve a minimum of heating changes.



Screen neighboring windows and create an areaway railing with a screen of vertical 1x4 boards fastened to 2x4's anchored to the retaining wall. Be sure to make allowance in the dimensions of your areaway when using such a screen so that low rays of the winter sun still reach your lower level window sills.

Landscape sparingly to eliminate maintenance problems. Light-colored gravel reflects light into lower living rooms and sparse plantings do not restrict refreshing summer breezes. Potted plants can furnish spots of color and can be changed as desired with a minimum of effort.



Light your areaway with properly located fixtures for a most pleasing night-time view from your new-found living space. This can serve as subdued lighting for watching TV or home movies and will never fail to be a conversation piece. It will add a well-done note in this effort to make your life fuller.





Dinette corner in a fairytale playhouse that can be constructed of used lumber. Children's art papers walls.



MAX TATCH

## Think of the youngsters and their long-term benefits when you remodel

It will be very much to the advantage of your whole family if you'll take extra time and thought to plan imaginatively, as well as practically, for both the everyday needs and special activities of your children when you remodel.

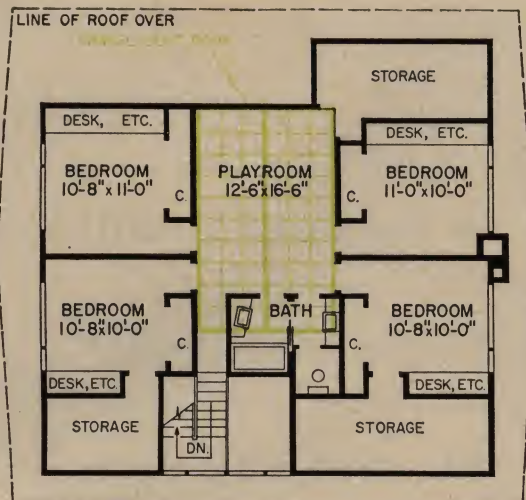
The tangible gains of modernizing with well-designed indoor space for youngsters' play, study, and sleeping, and with good outdoor activity areas too, are of course obvious to parents. But there are valuable intangibles also; projects that do something special for the children of the house create many "fringe benefits."

Thoughtful modernizing of the children's domain can do much to heighten their sense of belonging and to create increased interest in their home. Living in a pleasant atmosphere and absorbing by example, they get to know and like materials, to learn about color, form their own tastes.

Other benefits are legion if you can provide sleeping privacy for each child, or at least give each his own storage for books, toys, treasures, and clothes. Parents and counselors alike know that adolescent children in particular need the privacy of separate bedrooms.

The size of your family, and the ages and individualities of the children, will determine the direction of your project. You may not be able to do all that you aim for at one time. But if you have a total plan that will assure more order and privacy without neglecting space for group companionship, any start you can make will be a good one.





Two rough attic rooms become four private bedrooms off a cheerful playroom; compartmented bath; storage.



1

CHARLES R. PEARSON

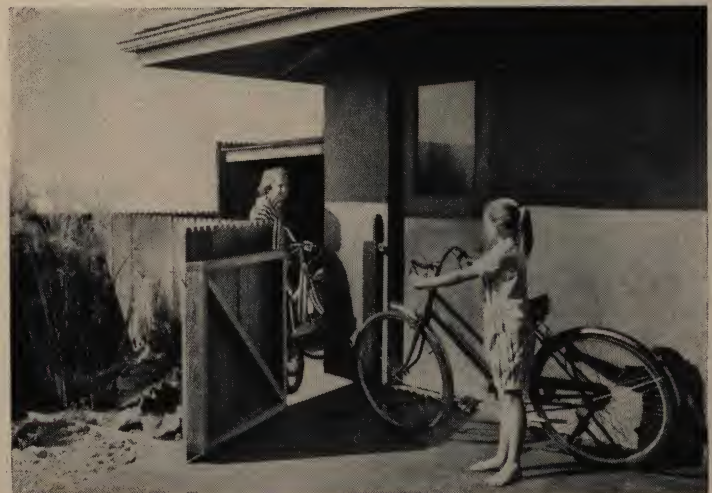
A playhouse like the one on the opposite page can be built mostly of surplus lumber or old boards and shingles set aside when you remodel your house. Anyone can buy ready-made outdoor play equipment, but it takes imagination to use leftovers this magic way. Tidy landscaping is designed so kids can manage the upkeep.

Multi-purpose upstairs room (1) enjoys an abundance of natural light filtering softly through the plastic roof. This is the playroom in the floor plan of the children's apartment outlined above; translucent sheeting was applied on both sides of the roof framing. Here's how one family met expanded needs by raising the roof of their story-and-a-half house to gain a second-story suite with activity room and compartmented bath, plus private sleeping quarters, own closet and desk for three boys and their sister.

Detail of daughter's bedroom (2) in the attic-into-children's-suite remodeling shows large fixed-glass area following the line of the high sloping ceiling. Each of the bedrooms has this wide window treatment with ventilating louver below the smaller pane; louvers are screened and doors on the inside are held in place by friction hinges. Countertop is striped linoleum.



2



3

MAX TATCH

Consider special housing, such as this bike garage (3), for wheel toys when you update your property. This simple shed, extended off the garage in a fenced service area, might run about \$5 to \$6 a square foot; not expensive but likely worth a mint in promoting order and care.





1



2



3

## A versatile addition is the first resort for many houses

If your site will take an addition, you can utilize one of the most popular ways of getting extra living space. It often encompasses a family room such as shown here, complete with deck, in the San Francisco home of Dr. and Mrs. Charles S. Capp.

This addition was extended out at the rear (see plan opposite) into an overlarge yard no longer needed for young children. Constructed of redwood siding on a foundation of waterproofed  $\frac{3}{8}$ " fir plywood, it is full of ideas for design features and materials that may well fit into your addition of whatever kind.

The glass window wall on the deck side (1) merges the whole area, while the Douglas fir ceiling and cork floor create a casual, easy-to-keep environment further carried out in the attractive comfort of the decorator-planned furnishings. The solid fireplace wall (2) was designed to stop afternoon glare from the west; light relief comes from the side peak strip and the clerestory window.

The exterior of the end wall (3) shows the fireplace structure and the terra cotta flue (inset) with L opening covered by a metal plate for a simple and inexpensive cleanout. Altogether, this combination of family room, deck, and garden demonstrate a practical method for achieving any addition—bedroom wing, kitchen-dining area, apartment for grandparents—with as much success as this one has had for the Capps, right down to (or up to, rather) their venturesome little Siamese pet, Iicha Ban.

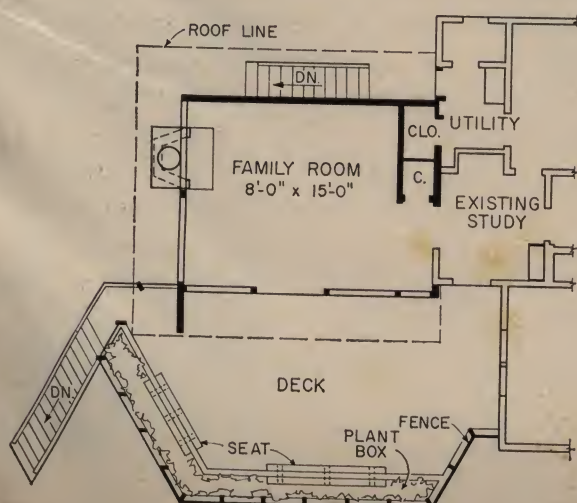
FOR PRODUCT SOURCES SEE  
READER'S GUIDE (Page 122)





PHOTOGRAPHY: ROGER STURTEVANT  
 ARCHITECT: JOHN W. KRUSE  
 LANDSCAPING: ROYSTON, HANAMOTO & MAYES

Because the deck of this addition is exposed to west winds, a glass windscreen shields it above the diagonal stairway to the garden. Beautiful landscaping contributes to the scene yet grass cutting is eliminated by the pebbled areas with concrete stepping circles.





**BEFORE** detail of front entry

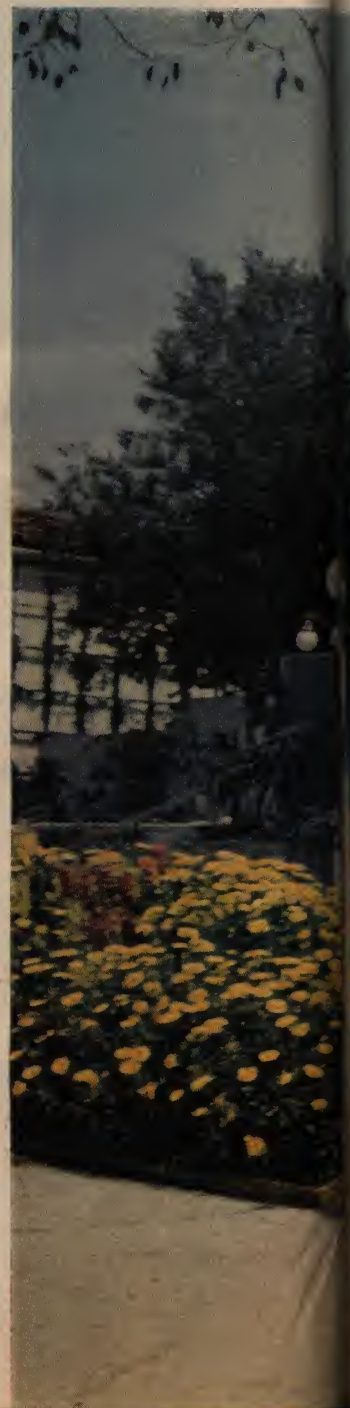
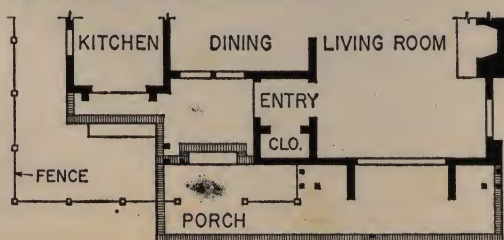
## Select a new style

### when you modernize an exterior

Sometimes the major problem in an old house is the mere look of the exterior. If the interior space is adequate, if the location is desirable and if the structure is sound, a clean sweep of the exterior will provide you—and your neighbors—with a refreshingly handsome house.

The tile roof and stucco walls of the Spanish Mission period have become somewhat commonplace on the California landscape. The owner of this house wanted a more distinctive style. The shape and scale of the original house were suitable for French Regency styling.

The roof was reshaped and clad in ground slate on composition shingles. The large bay window was framed in an imposing projecting arch for shade as well as design interest. A secluded entrance court was fenced in with louver shutters. It was a simple matter to incorporate a more efficient entrance as the exterior work progressed.

**AFTER** detail of front entry





Low maintenance landscaping is nonetheless attractive. Ivy ground cover and robust perennials, *below*, accented by a few potted plants, take little care in contrast to lawn and sheared shrubs of the original house, *opposite page*. New plot plan provides for a more pleasant approach by a sweep of circular drive.

DESIGNED BY NORMAN GURNS  
OF ALVIN DINGMAN & ASSOC.  
OWNER: LARY GROEN







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## Be realistic about real estate appraisals

*(Continued from page 12)*

house is in top structural condition. Many people think so, and after buying a house they are shocked to discover termites, rundown wiring, faulty heating, or other flaws. If you want a structural check on a house you are buying, you must call in a construction expert. You could also hire an appraiser to do it but then specify that you want a report on structural soundness. Since most appraisers are not construction experts they generally will call in an engineer they work with or refer you to one.

There are many breeds of appraisers, in all from 75,000 to 100,000 in the nation. The exact figure is unknown. Some are also real estate brokers, or part-time appraisers in the

business to pick up extra money. Still others are full-time, experienced appraisers. This last group includes the best appraisers. Try to choose a Senior Residential Appraiser (SRA after his name). He is a member of the Society of Residential Appraisers, 7 South Dearborn St., Chicago 3, Ill. There are also MAI appraisers, members of the American Institute of Real Estate Appraisers. MAI appraisers tend to specialize more in commercial and industrial properties rather than in houses.

A good appraiser is your best bet for getting an accurate appraisal of the market value worth of a house you may buy and also for the house you are selling. And when you buy an old house in need of remodeling, he is well worth his fee (ranging from \$50 to perhaps \$100 depending on the house) in establishing the ultimate value of the improved house, thus paving the way for a neat one-step, packaged mortgage for the house and its remodeling cost.



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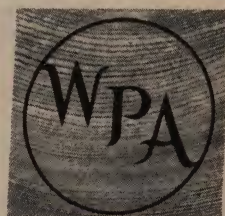
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Wisconsin Rapids, Wisconsin

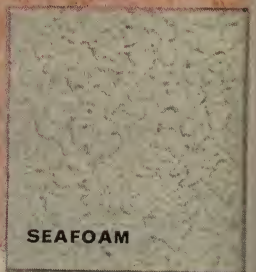
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Design patent pending

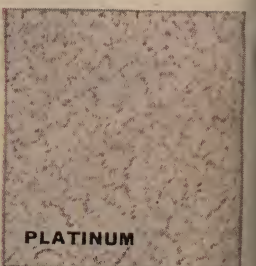


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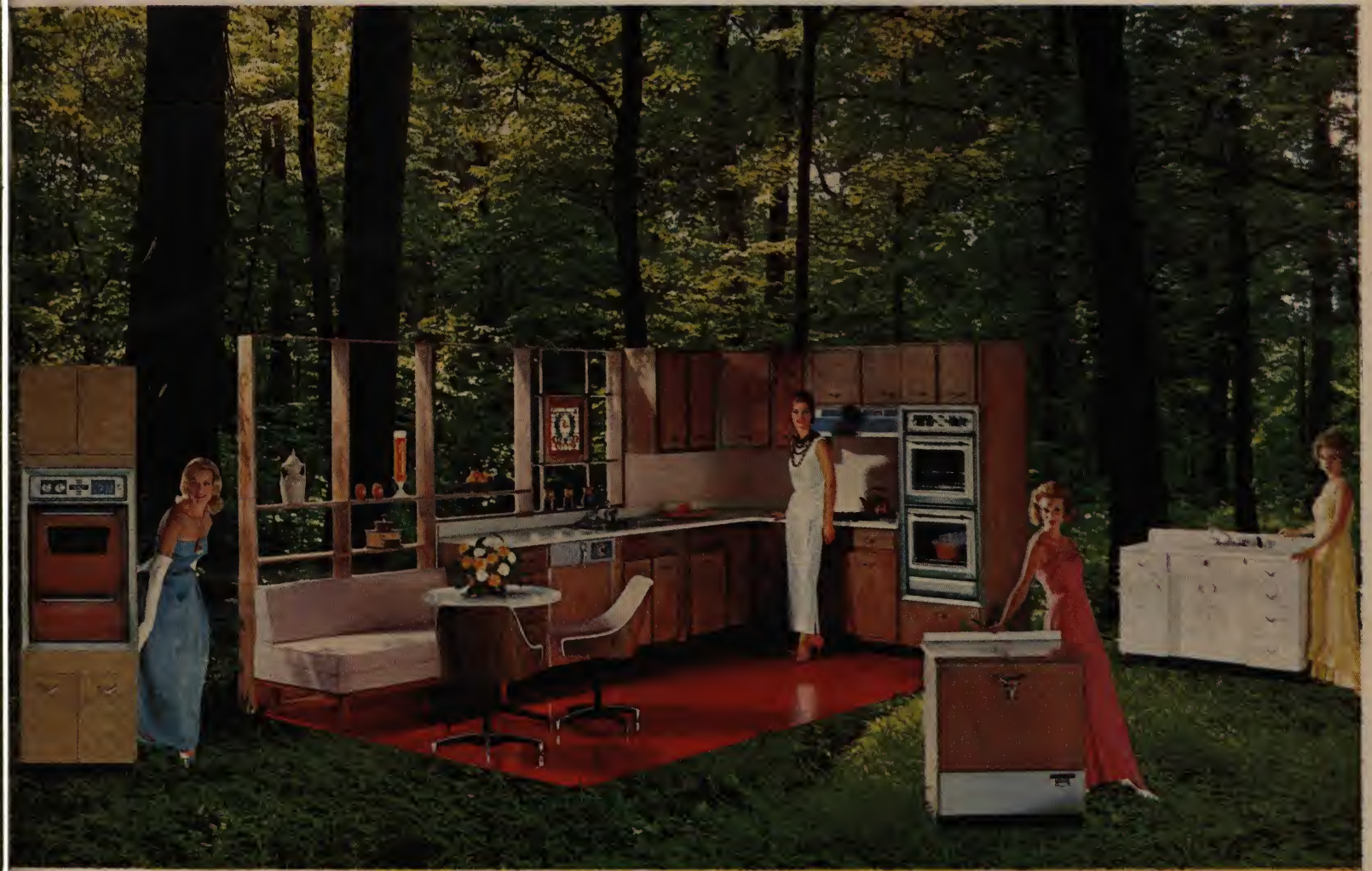
See Barclay & Barclite Products at your local lumber dealer. Or write for free home decorating literature to: **BARCLAY MANUFACTURING CO. INC.**, Dept. HMG 62, Barclay Building, New York 51, New York.



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NAME

ADDRESS

CITY

STATE



# Building a bathroom?



## What About Size?

Recessed tubs are available in 3½', 4½', 5' and 5½' lengths; a corner model in 5' length. "Square" types measure 48"x44". Lavatories range in width from 19" to 36". For countertop installations plan for a minimum counter width of 21". For water closets and bidets, plan on floor space 23" wide and 29" deep.

## Wall or Free Standing?

Here your tastes and available space will decide. Water closets may be mounted on floor or wall, depending somewhat on the structural characteristics of your home. Lavatories are wall-mounted with or without Chromium legs. You may want to install one or two lavatories in cabinets or counter tops. A bath tub in a recess offers more convenient showering.

## Why Kohler?

Kohler has devoted more than seventy-five years to quality. Kohler tubs are enamel, heat-fused to cast iron, so finish and metal become one. Closets are vitreous china—made in one of the world's finest potteries. Lavatories are either vitreous china or enameled iron.

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Only Kohler makes *all* of its faucets and other fittings entirely of brass. Brass wears better, resists water-borne minerals better, takes finishing coats better than any other metal. Every Kohler fitting is a Kohler All-Brass fitting. And there are Kohler All-Brass fittings for every budget.

## COLOR

All six Kohler colors are chosen to make your room richer, to blend with a world of color schemes. Kohler white is recognized as the "whitest" white available. An elaborate system of Colorimeter testing maintains color uniformity.

Twin Gresham lavatories 20 x 18", 5' Dynametric bath shown in Kohler Sunrise with Constellation fittings.

# KOHLER OF

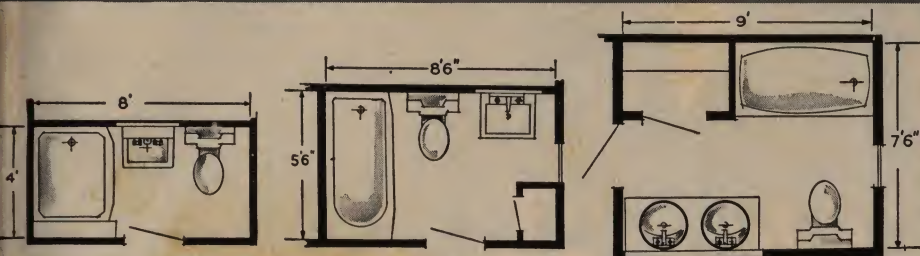
KOHLER CO., ESTABLISHED 1873  
KOHLER, WISCONSIN



# here's what to do before the plumber comes

Plan your bathroom . . . cut out the Kohler plumbing fixtures pictured below and arrange them on graph paper, or a sheet of regular writing paper. The fix-

tures are drawn to a scale of one-half inch to the foot. It's fun and it's easy. Use the printed ruler at the right and lay out your own bathroom floor plans.



A compact Standish tub makes this space saving bathroom possible. Small sizes in other fixtures fit the scale of the room.

Proper planning can provide a big 5½ foot tub even in fairly limited space. Arrange fixtures on one wall for greatest economy.

Larger areas offer greater planning freedom. In spaces like this, twin lavatories are highly desirable. Note good storage space.

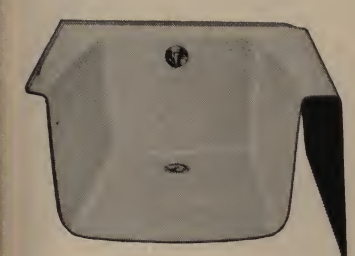


The Bolton modern siphon jet closet is quiet and efficient.

The Cayuga closet is wall mounted for ease in floor cleaning.

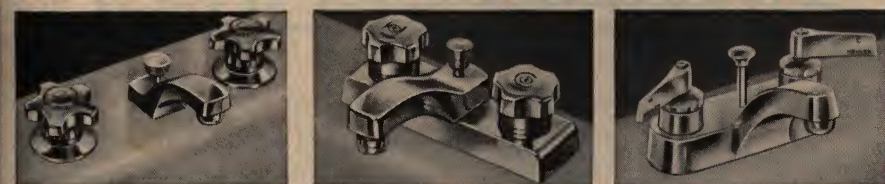
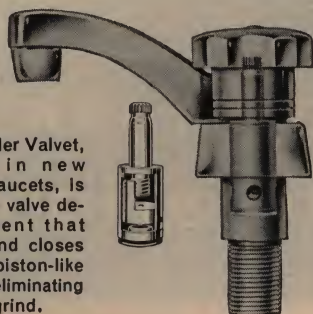
The wall mounted Hampton lavatory has a convenient shelf back.

The Del Rey may be used free standing, with legs, or in a counter top.



Kohler tubs are enamel bonded to iron for maximum strength and rigidity.

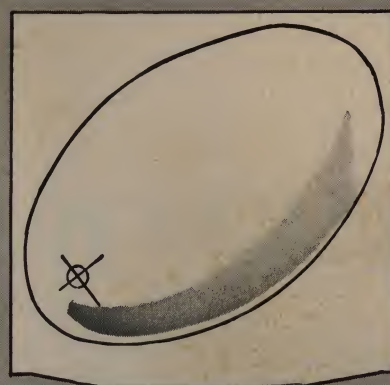
The Kohler Valvet, found in new Kohler faucets, is a unique valve development that opens and closes with a piston-like action—eliminating washer grind.



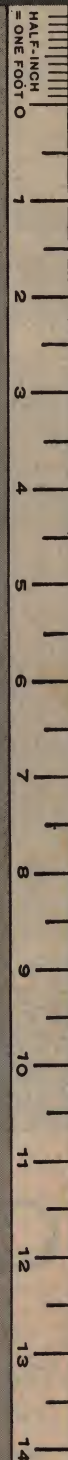
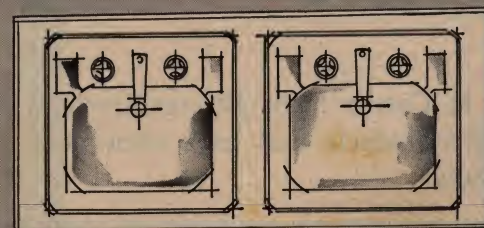
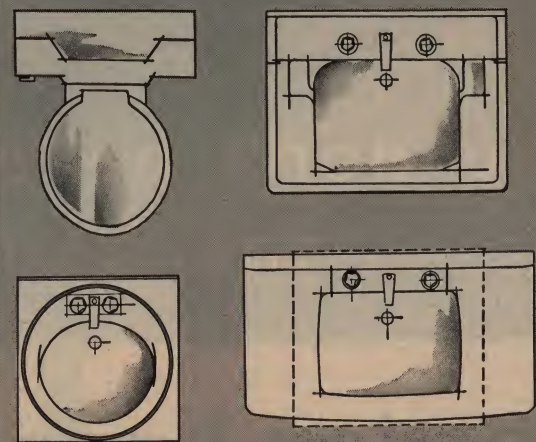
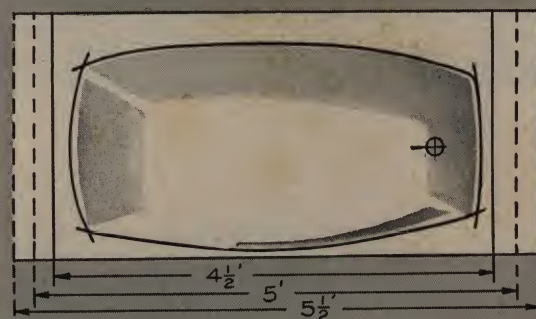
GALAXY SERIES

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Standish tub, not shown, is 42" long, 36" wide.



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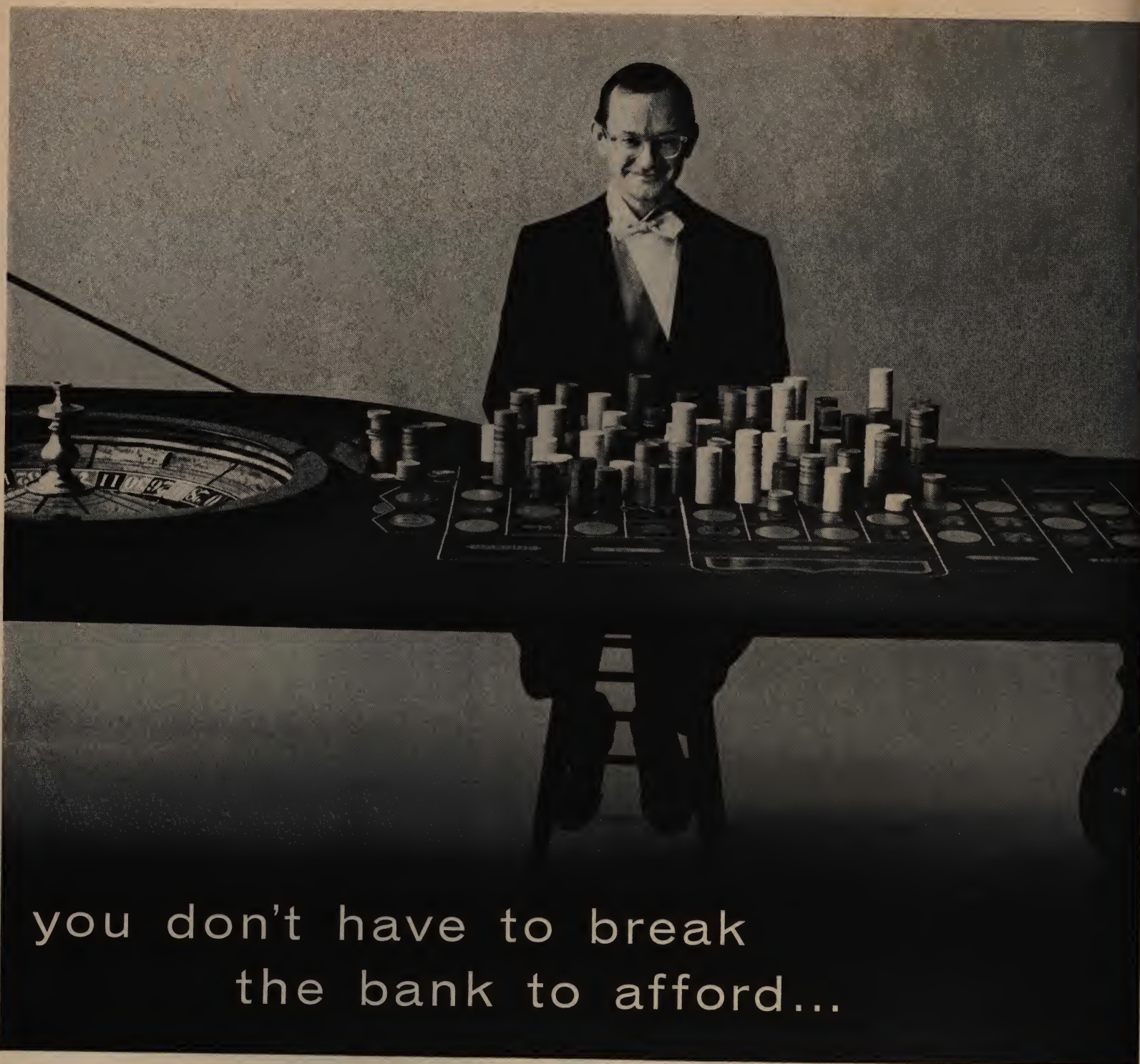
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## Many services to help you

Behind every successful modernizing project there are several men whose services will secure your investment. They are not the makers of your dreams. Your architect or modernizing designer takes care of your dreams. They are not even the builders. You will go to a modernizing contractor, a modernizing specialist or a lumber yard for that work.

A family in Seattle is in consultation with a real estate appraiser. They have lived in a comfortable suburban home for thirty years. In the past ten years the area has been building up. The new houses are valued from \$40,000 to as high as \$80,000. They have been told it would be wise to spend \$30,000 to modernize their old home. A family on Long Island is in consultation with their local bank. When the head of the family returned from World War II they built an \$8,000 development house. Now they need much more room. Several of their neighbors have modernized their houses for from \$3,000 to \$4,000. The bank has told them that the economic prosperity of the community justifies their spending \$6,000 to add two bedrooms and a bath to their house. A family in Portland is weighing the advantages of an old house near-in to downtown and a new house in the closest-in suburban area they like. A study of transportation facilities reveals that each member of the family will save an hour a day travelling to and from offices, schools, and stores if they buy the old house near town and modernize it. This they will do.

Be realistic about real estate appraisals	7
How to find financing	40
Think twice about your insurance coverage	42
What you should know about utilities	46
How to select: carpenters and masons, plumbers, painters and electricians . . . all the labor	48
Don't ignore building codes	81





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## How to find FINANCING

The very factors that have prompted you to consider modernizing your house, you may have to defend with vigor when you start searching for financing. For the intrinsic values so important to you may seem somewhat illusive to the financial profession.

The very personal fondness you have for your neighborhood and the fact that you just happen to like your present house—or an old one you have found—better than the new houses you have seen are not so easy for a financing officer to appraise as a new house, in a new development by a builder he knows. But the fact that the typical new house is apt to be of a somewhat conventional, commonplace design should only encourage you to invest in modernizing an old house. If you put money into a skillfully designed modernizing project your investment will be secure. If you can restore the original charm of an old house and by additions and alterations create a new character, the house will have a considerable resale value in later years.

You can have your modernizing financed through commercial banks, through savings and loan associations, savings banks, mortgage banks or life insurance companies. Your modernizing contractor or lumber dealer should be familiar with these sources and help to advise you. If he is not familiar with the availability of money in your area, you will be wise to find a builder or contractor who is. Together you can work out the best financing plan for your particular job.

Commercial banks are the biggest lenders in the business. They spe-



cialize in FHA Title I loans. Savings and loan associations are most active in larger cities and work with open-end mortgage financing as well as with FHA loans. Savings banks like mortgage refinancing as well as FHA. Mortgage bankers specialize in refinancing mortgages for modernizing. The life insurance companies, too, are interested in mortgage refinancing as a repository for some of their funds. Talk to several of these sources.

If your project involves necessary repairs and alterations that protect and improve your property, FHA Title I may be the right plan for you. Loans are available up to \$3,500, \$1,000 for small jobs. You cannot use this money for swimming pools or barbecues but the interest rates are low, currently \$5 per \$100 per year up to \$2,500, \$4 per \$100 for amounts over that. You will repay the loan in monthly payments for 5 years.

If you have stocks or property that you can put up for collateral, a straight personal bank loan at a simple 5% or 6% may be available in your area. The repayment period will be up to the lending officer. More readily available in most areas are loans from independent finance companies. The interest will probably be higher, about 14% true simple interest but there will be no strings attached to your choice of projects on which to spend the money you borrow.

Also available for swimming pools and other extras are banks' and savings and loan associations' loans. You may be able to get up to \$5,000 or more to be paid back over 5 years. The interest will probably be equal to 12% to 14% true simple interest.

If the house you plan to modernize is already mortgaged there are two ways to finance your project. Banks and savings and loan associations will loan an amount equal to the amount you have paid on your mortgage under an open-end mortgage loan. You pay the same interest as you have been paying and you can use the money for any kind of work. Not every mortgage has an open-end clause but if yours does this will be an ideal plan for you.

You may be able to refinance your present mortgage. Your terms, though, will be governed by the value of your house and the availability of money in your area. If you still owe \$10,000 on your present mortgage and want to spend \$5,000 for modernizing, you would ask for a new mortgage for \$15,000. You will have to pay for a new set of closing costs, however.

Mortgage brokers can refinance your mortgage under FHA. The new mortgage is limited to the appraisal value of the house up to \$25,000; you have up to 30 years to pay at the FHA standard  $5\frac{1}{4}\%$  interest.

**The newest financing for modernizing is to be found in the 1961 Housing Act. This law permits banks and savings and loan associations to lend up to \$10,000 under FHA insurance, at an interest rate of 6%, to be paid back over 20 years. If your house is less than 10 years old the money must be spent for major structural improvements. If your house is older than 10 years you will have more liberty.**

Financing may be hard to find but do not be deterred. There is a sensible financing plan for every sound modernizing job. ■

# HATE DUST AND POLLEN ?




New Honeywell Electronic Air Cleaner removes up to 95%\* of airborne particles

Fits in duct work of any forced air heating or cooling plant. Automatically traps airborne irritants—pollen, dust, and dirt passing through the system.

Keeps windows, walls and draperies so fresh they hardly ever seem to need cleaning. Control panel in living area shows when unit needs cleaning. Easily installed in new or existing homes.

\*As measured by National Bureau of Standards—dust-spot method.

## Honeywell

 *First in Control*

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- ☐ Please send me free literature on Honeywell's Whole-House Electronic Air Cleaner.
- ☐ I would like to have a Heating/Cooling contractor call.

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## Think twice about your

Insurance may be the last thing on your mind when you are planning your modernizing, but it would be the first thing you would curse yourself for having neglected if someone falls off a ladder the day work begins. For all of the planning in the world cannot forestall an accident. And the best carpenters, the most experienced plumbers and electricians are responsible solely for their performance on the job. You have responsibilities and obligations.

So before work begins establish responsibility. If you have a contractor you may write into your contract his share of the responsibility. But if you are doing any sub-contracting you, yourself, will have to assume it. If a carpenter should trip on a stairway and injure himself, you might be sued for several thousands of dollars. If a plumber should fall through a weak floor, a similar claim could be lodged against you. Your responsibility continues out of doors. Playground equipment, swimming pools, and barbecues are all potential sources of hazard.

If your work extends over any length of time the chances are that parts of the house will be exposed during the night. In this case your insurance should cover vandalism of your property and materials on the site. When you are talking to your insurance agent—BEFORE you modernize—check up on your title to your property. Clear as it may appear, title insurance is probably your cheapest form of insurance. If you know what a title claim is you probably have title insurance already. If you don't know what a title claim is you will certainly want it. Very simply, land goes on forever. When you "buy" land you are only buying "title" to it. The title itself can be sold, exchanged, borrowed on or given away. Consequently it is entirely possible that someone, somewhere, can present a claim to the title to your land, even though you have bought it in good faith. The cost of title insurance is negligible. There is only one premium and coverage continues indefinitely, even extending to your heirs for as long as they have any interest in the property.



## *Your closet tells so many of your secrets*

● Your practical streak is showing, ma'am. Right in your closet doorway. That Modernfold gives you away.

No waste tolerated in your home, is there? No closet doors steal your living space or bang into furniture. Your Modernfolds stay out of the way . . . inside the doorways.

And you must be a shrewd shopper. Some people settle for folding doors that are built like stiff drapes. But when you saw the difference between "bargain" doors and double-walled Modernfold value . . . it was no contest. At least, we hope our dozens of patterns and colors didn't stampede you.

Your social schedule must be stiff, too. Because you choose things that are easy to care for. Like Modernfolds. A whisk of a damp cloth . . . and that vinyl upholstery looks like new. (Modernfold vinyl lasts for a lifetime, wears like the steel frame underneath.)

Now . . . if you other ladies would like your characters read, visit your favorite department store or your building products dealer. They know a practical woman when she walks in the door . . . and asks for Modernfold.



NEW CASTLE PRODUCTS, INC. • NEW CASTLE, IND.



## insurance coverage

When your modernizing work has been completed you should set up a new insurance portfolio that has been adjusted to the new value of your house. A sensible insurance policy should protect your investment against wind, fire or similar catastrophe; reimburse you for stolen or damaged property; prevent you from financial burden in the event you are an unwitting victim of a bodily damage suit as a result of an accident on your property; and provide sufficient dollar coverage to recoup 80 percent of the current replacement cost of your home and its contents in the event of damage or destruction. (The value of your land should be left out of this figure.)

The incidence of liability claims has risen sharply in recent years. That fact alone warrants your taking a long second look at your insurance portfolio. It is no pleasant prospect that a guest who has somewhat carelessly tumbled on a slippery floor would return your hospitality with a law suit. The reasonable safety of a cleaning woman who is working for you is also your responsibility. These cases are not at all uncommon and all too frequently the decision favors the plaintiff. Only insurance protects YOU.

You can buy separate policies to cover fire and wind, theft, and liability but a "package" policy will probably be a better solution. Because more people are insuring in greater depth, most insurance companies have been able to set up a full coverage in one sweeping policy. The rates vary substantially from one part of the country to another. In fact, your neighborhood will effect such rates as fire and theft. Even the materials your house is made of govern some rates. If you have a swimming pool be sure your policy covers that potential hazard.

If you don't have an insurance agent ask your friends or neighbors to suggest one or write to the Better Business Bureau for a list. Spend some time with a few and explain your family needs. One will tailor a policy to your needs and your budget. ■■■■



## *Your closet tells so many of your secrets*

● We know you, ma'am. You're the one who likes a fire on snowy winter afternoons . . . the one who's drawn to warmth and beauty. We guessed the second we saw a Woodmaster in your closet doorway.

You're like your sister across the page, the one with the fabric Modernfolds. You're practical, too. A space saver. And Woodmasters do *that* so beautifully. In birch or philippine mahogany that's finished to velvet smoothness.

Now . . . if you other ladies don't mind revealing your character, install Woodmasters in your home. Or, if you're torn between Modernfolds . . . fabric or wood . . . write for help with the coupon below.

NEW CASTLE PRODUCTS, INC. • NEW CASTLE, IND. • In Canada: New Castle Products Canada, Ltd., St. Lambert, Quebec • Manufacturers of "Modernfold" Operable Walls, Partitions and Doors; "Air Doors"; "Modern-Cote" Wall Coverings; "Peabody" School Furniture, and "Pyrox" Sheathed Thermocouples.

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**FOR ADJUSTABLE BUILT-IN SHELVES**, use the "magic" of K-V 255 standards (24" to 144" lengths) and K-V 256 supports. Slots allow  $\frac{1}{8}$ " adjustments. Standards have screw hooks on 6" centers. Nickel plate or bonderized bronze finish. Another "shelf magic" answer for bookcases, cabinets, closets, room dividers.

**DRAWER SLIDES FOR THE KITCHEN** — or built-ins — add "drawer magic" to pamper the lady of the house. K-V drawer slides always operate smoothly — drawers never jam, stick or sag. Full range of models available — either single or double track.



**FOR ADJUSTABLE OPEN WALL SHELVING**, sturdy enough for books and china, handsome enough for anywhere, put them up in minutes with "shelf magic" K-V 50 standards (18" to 144" lengths) and K-V 180 brackets (4" to 20" shelf depth). Smooth, lustrous satin brass, satin chrome or ebony black. Standards slotted for 1" adjustment.

**HERE'S KITCHEN K-VENIENCE** — fixtures pull out easily, to place towels, pans or wastebasket conveniently at your disposal. Saveen over K-V 783 three-bar towel rack; K-V 790 disappearing pan rack with 16 hooks; K-V 796 disappearing wastebasket rack.





# Home Magic!

*Shelf hardware, drawer slides, kitchen and closet fixtures — wonderfully functional, handsomely decorative — and almost as easy as wishing!*

In addition to "a lot of living," there's nothing like extra convenience "to make a house a home." Here's convenience for every room, nook and cranny — so easy to have that it's literally "home magic."

Knappe & Vogt hardware and fixtures are the finest you can buy. They're handsome, durable — and extra economical because you can install most of them yourself in little more time than it takes to wish for them. Complete installation instructions in every package. Try one K-V fixture — and you'll want them all. You'll find them at your hardware store, department store or building supply dealer.

## **KNAPE & VOGT MANUFACTURING COMPANY**

Grand Rapids, Michigan



**KV**

### **CLOSET AND KITCHEN FIXTURES**

*Convenience you shouldn't do without!*



K-V 1 Clothing Carrier. Sliding door hardware. Hooks in any closet. A silent pull means no noise. Available cut into the room. Ball bearing rollers.



K-V 2 Extension Carrier. With 3 hooks in 10" closet. Won't sag under heavy loads. Two 14" ball bearing rollers.



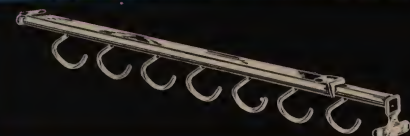
K-V 3 Adjustable Closet Bar. Fits in closets. Fully adjustable. Hooks move without jostling, shaking. Glides and balls smooth.



K-V 4 Garment Bracket. Fits over hooks. Holds 5 or more garments in closet. Holds on wall or door. Available in 8" or 10" lengths.



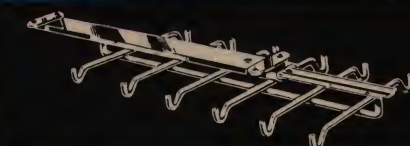
K-V 550 Tension and Sash Hangers. A modern swinging sash arm. Tension bars by cutting or sash press. Attach to closet wall or door.



K-V 800 Single Row Disappearing Towel Rack. Ball bearing. Easy action roller. Hooks 1" apart. Hooks on underside of cupboard door.



K-V 792 Disappearing Towel Rack. Hooks on side of cabinet or on wall. 2 crooks bars for hanging towels, or garments. Ball bearing rollers.



K-V 791 Sliding Cup Rack. Hooks on side of cabinet or on wall. 2 crooks bars for hanging cups, or garments. Ball bearing rollers.



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*built-ins*

*with a flair*

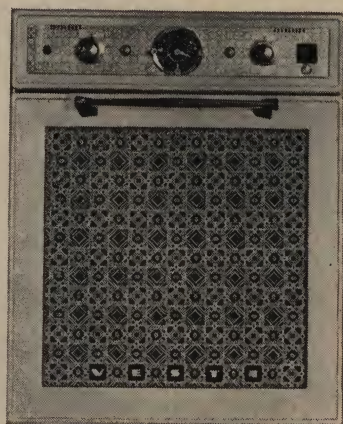
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GAS OR ELECTRIC • Queen-size 24" or standard 16" oven • Closed-door smokeless broiling • Oven Thermostat and Cook-Timer, with appliance outlet • Finest porcelain enamel interior • Triple-spit Rotisserie available • Perma-view oven window • Minute-Minder • Tilt-proof oven racks • New Silicone-Rubber door seals • Beautiful porcelain enamel colors, brushed chrome or stainless steel.



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*Change Colors Quickly!* Exciting, new snap-on color panels make it so easy from a wide choice of dramatic porcelain enamels or brushed chrome. Removable door and oven racks make cleaning a breeze! Exquisite styling combined with new economy.



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Check your choice. Mail with name  
and address in margin below.

## MODERNIZING SERVICES

### What you should know about utilities

The equipment that makes your house run is discussed in another section of HOME MODERNIZING GUIDE. But the power that makes the equipment run should also have a bit of study if you are planning a modernizing project. You may have an adequate supply of water, gas and electric power in your existing house. But does your project put any new burden on your utilities and have you arranged for the most economical system?

Utility rates vary markedly from area to area and the utility companies promote one power against another depending on the supply. So study your area carefully to determine the values of gas versus electric power. If you are not using the best value your modernizing period will be a good time to change over.

If you are planning a number of built-in lighting installations, who will be prepared to take care of them? You will have to have someone handy with a step ladder if you install illuminated valances and dropped ceiling lighting. Bulbs don't burn forever; they don't replace themselves.

No one likes to anticipate a hurricane, a tornado or a "big freeze" but it's only prudent if you are investing in a modernizing project to prepare yourself and your family for such an event. Our newspapers have been only too full of these problems in recent years. Do you have a hand adapter on your furnace so if your electric thermostat goes off you can still use your gas furnace in an emergency? Do you know how to switch it? And if your equipment does not convert do you have an ample fireplace that can be used for cooking and heating in emergencies? You should have.

Some utility companies give more service than others so it will be very worth your while to visit yours. Tell them all about your problems. Heed their advice. You will profit.





## The hard way

**THE EASY WAY TO KEEP COOL IS GENERAL ELECTRIC CENTRAL AIR CONDITIONING.** First, it's easy to install. If you have forced-air heating, the G-E cooling coil can be added above, beneath or adjacent to your furnace. If you have hot water, steam heat or no central heating, the General Electric integral air-cooled unit can be installed independently anywhere you want it. Your dealer can offer easy financing, too. Whatever unit is best for you, it won't cost a fortune. One low down payment, easy monthly installments and you'll be cool and comfortable all summer, every summer. Get all the details. Call your nearest G-E Heating and Cooling dealer or mail the coupon today!



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Troup Highway—Tyler, Texas

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## How to select: carpenters and masons, plumbers, painters and electricians ... all the labor



The switch  
that adds the  
final touch  
to your Home

### ROCKER-GLO SWITCH

Here at last is the *one* light switch that combines beauty and utility in the most exciting design ever . . . new P&S Rocker-Glo —

- Whisper-Quiet
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The Rocker-Glo switch is "beauty with a purpose" in your home — so much so you'll want them for every room once you have seen them.

Contact your electrical contractor or write for more information:



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manufacturers of fine wiring  
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Semantics have seldom been important in the building trades. If a man built a house he was a builder. If he contracted to build part of a house—a bathroom, say, or a kitchen—he was a contractor. A mason built with stone. A carpenter built with wood.

But now we have modernizing and modernizing has changed all of that. Who modernizes? Some builders do. Some do not. Some contractors do. Many do not. Some lumber dealers do. More will be soon. So as you plan your work you will want to find just the right person to perform the various jobs. Skill is essential.

Because modernizing is a relatively new specialty trade many old-time builders and contractors are not familiar with the special skills and insights that are so important to good modernizing. For that reason, as you talk to the various tradesmen be sure to ask what experience they have had in the field. One way to spot a novice may be an abnormally high estimate of costs. A contractor who is inexperienced in modernizing may list his bid to insure himself an out from unexpected expenses he might encounter. So get bids from several sources.

The most important phase of your project is "design." Design should restore the original character of your house, and additions or alterations enhance it. Whether you consult an architect or go to a builder or lumber

dealer exercise your every instinct for the best design. If you sense that he is just adding "a" room ask how this addition relates to the rest of the house. Is the new roofline compatible to old? Have you both considered a variety of materials? For more information you *and* whoever is doing your work should read the Design Section in another part of this issue of HOME MODERNIZING GUIDE.

If you look in the Yellow Pages of your telephone book you will see listings under "builders," "modernizing" or "re-modeling." These might be logical first calls to make. Builders are being given considerable special training in modernizing work. The National Association of Home Builders conducts clinics and has recently established a permanent Modernizing Division in its Washington, D. C. headquarters. If your builder is not familiar with their work you might recommend he contact them.

A builder should be able to examine your house, discuss your plans and give you detailed working drawings and a firm estimate for the costs. Be sure you have a list of specific jobs, materials, due dates, and costs. If you have reservations about his designs—for few builders are specialists in design—you might suggest he call in a local architect for consultation.

You may want to go to your local lumber dealer to do your work. If he is one



of the new generation of progressive, aggressive lumber dealers he may be just the man for the job. The National Retail Lumber Dealers Association in Washington, D. C. has been instrumental in moving the lumber yard from down by the railway tracks up to the center of town where you will see displays of all sorts of building materials, model kitchens, and baths.

He — like many builders — may be somewhat weak in designing your job but you can again look for outside help if that is necessary. The lumber dealer will probably sub-contract many of the jobs. That is entirely reasonable if he assumes the responsibility for the scheduling, quality, and price of the work he has let out.

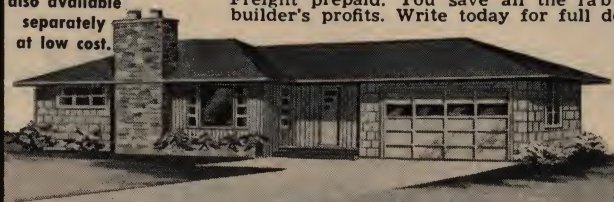
The last and perhaps most likely place to look for labor is to a new breed of modernizing specialists. Many old-time kitchen specialists have expanded into total modernizing. Department stores are even opening modernizing departments. In these showrooms you sometimes get the most highly specialized service for a particular job, such as a bathroom, a kitchen or a family room.

No one, you may be sure, will take the interest in your project that you, yourself, have right now. So study design and examine materials and equipment. Your own judgment, your own selections will help insure your total satisfaction.

## FOLLOW THE "DO-IT-YOURSELF" TREND!

CHOICE  
OF 57  
DESIGNS

Building Plans  
also available  
separately  
at low cost.



### BUILD YOUR OWN HOME . . . SAVE UP TO 40%

With the "Do-It-Yourself" idea taking the country by storm, a large percentage of new homes are being built by the owners themselves with the help of neighbors and friends. Anyone can assemble the popular Sterling Ready-Cut-Homes with their simple, easy to follow plans. Every house is complete with lumber cut-to-fit, numbered and marked, ready to erect . . . roofing, nails, hardware, paint, doors, windows, glass. Freight prepaid. You save all the labor costs and builder's profits. Write today for full details!

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1. You save all of today's high labor costs.
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Sterling Ready-Cut-Homes are as modern as tomorrow! Designed for comfort, convenience and livability . . . with plenty of closets, picture windows and flower boxes . . . large selection of ranch type and conventional designs.

And most important of all you can Build-It-Yourself and save up to 40% on the total cost. Several easy time payment plans. Decide now to join the parade of enthusiastic Do-It-Yourselfers —

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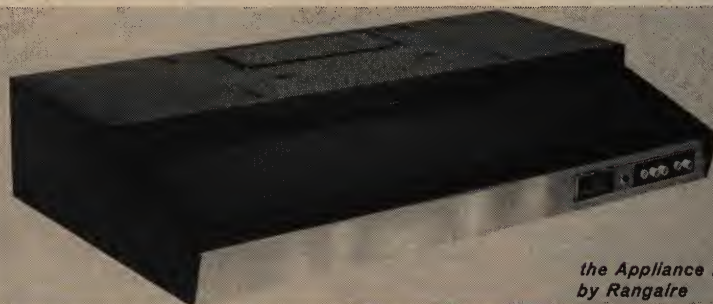
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CITY \_\_\_\_\_ STATE \_\_\_\_\_

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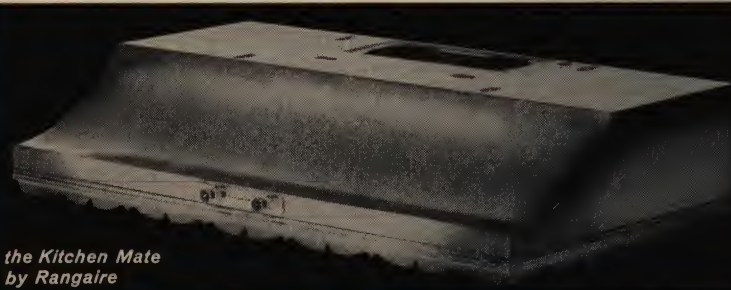
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the Appliance Mate  
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## COOL, CLEAN and FRESH



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If you are planning a traditional kitchen, let your range hood compliment the kitchen cabinets — ask for the Rangaire "Kitchen-Mate". If your choice is contemporary order the Rangaire "Appliance-Mate" for perfect harmony with today's modern appliances. Whatever your choice, for a cool clean kitchen in perfect taste, ask your builder or see your Rangaire dealer today.

Write for free literature

**Rangaire**  
KITCHEN RANGE HOODS

Roberts Manufacturing Company, Cleburne, Texas





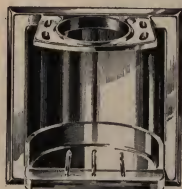


*Quality that quietly speaks for itself...*

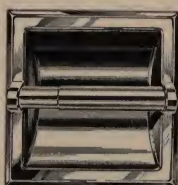
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From inside out they're the best in



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towel bar  
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metals, plating and craftsmanship.  
Beautifully polished, they have  
a radiant, jewel-like luster.  
Coronado accessories will help



glass shelf  
for oft-used  
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you enjoy your bathroom more and  
you'll never cease complimenting  
yourself for choosing the best  
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HISTORIC LANDMARK—

## The chimney with a house

By Harold Helfer



Built in the 1600s, this old house in Newport, R. I., was the target of a mob induced to riot in 1765 by a new stamp tax. Windows, furniture, and woodwork were demolished. Determined to reduce the house to rubble, the mob tied ropes to the famous chimney to pull it down; but the chimney remained staunchly in place. It won the grudging admiration of those who tried to wreck it. Later, John Wanton, son of the governor, bought it and rebuilt the house around the chimney. Used as Colonist Headquarters in 1776, it is now owned by the Historical Society. The Preservation Society of Newport County keeps an eye on it.



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Totally sealed combustion is 100%  
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vented outside. Saves up to 90%  
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Please send your Guide to Home Heating.  
We are planning to ☐ build or ☐ remodel.

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City \_\_\_\_\_ Zone \_\_\_\_\_ State \_\_\_\_\_



# IF YOU'VE THOUGHT ABOUT GETTING A DISHWASHER PLEASE READ THIS

There are two ideal times to buy a good dishwasher. One is when you build a new home, the other is when you remodel your kitchen.

These are both times to consider spending a little more to get a KitchenAid because you will want your dishwasher to last a long time, and you will want to be sure it will do its work well during all those years.

## WHY GET A DISHWASHER AT ALL?

Most people who remodel their kitchens plan for a dishwasher. Even if they don't feel they need one, they realize this is the time to do it if they're ever going to. Often, they consider the resale value of the house when they do this.

Once you've had a dishwasher, for even a few weeks, you'll never want to be without one again. As one housewife put it, you'll always bless the quiet sound of "someone down there doing my dishes for me while I do something else". Your husband won't have to dry any more. When you entertain, if you feel compelled to do something about the dishes right away, you just put them all in your KitchenAid, turn it on, and go enjoy your own party.

There's another reason for having a dishwasher that people often overlook. It is far more sanitary. Bacteria counts on plates, cups, glasses and forks washed in a KitchenAid are significantly lower than the safety margin set by the U. S. Public Health Service. Much lower than on dishes washed by hand. This is because KitchenAid washes your dishes in water that's hotter than your hands can stand—and it doesn't dry them with a dishtowel!

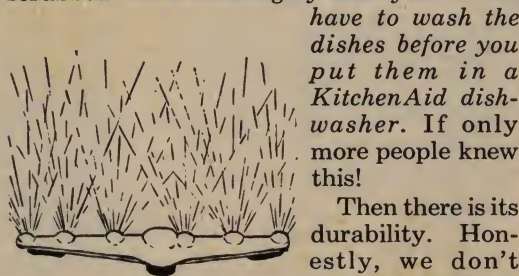


## WHY SHOULD YOU PAY ANYTHING EXTRA TO HAVE A KITCHENAID?

Perhaps we don't have to tell you anything about KitchenAid at all. Last year, over 50% of all the KitchenAid dishwashers sold were bought on the recommendation of people who already owned one. You have probably heard good things about them, too.

But there are some important things you may not know. First, KitchenAid is made by The Hobart Manufacturing Company, with a background of 70 years of dishwashing. Hobart makes most of the dishwashing equipment you find in hotels, restaurants and hospitals today. In the forties, we decided to make a home dishwasher that used exactly the same washing principles as our commercial dishwasher.

Since then, many have tried to imitate our famous "big blue wash arm"—but, of course, no one has been able to copy it exactly. This exclusive feature means that your dishes are scrubbed more thoroughly and you *do not*



*have to wash the dishes before you put them in a KitchenAid dishwasher. If only more people knew this!*

Then there is its durability. Honestly, we don't know how long your KitchenAid

will last. Every model we have produced is still going strong. We used to think they should last 10 years. Now we know they do last much longer. Under normal conditions, it's altogether possible that your KitchenAid will outlast your mortgage. The Hobart-built motor in your KitchenAid is a big, heavy-duty one, of the type used in commercial dishwashers. The washing principle is so simple, there is practically nothing to go wrong with it. And if you look at the "innards" of a KitchenAid, you will find nothing but the highest quality materials.

Also important is the fact that your KitchenAid can save you up to \$20 a year over the cost of operating most any other dishwasher. If you have looked inside most other dishwashers recently, you probably noticed a round tube of metal at the bottom. This is an electric heating unit similar to the burner on an electric range, and it can cost as much to operate.

To dry your dishes safely and thoroughly, KitchenAid uses a system that circulates sanitized hot air all through the dishwasher. The heat is provided by a simple, shielded coil located outside the wash chamber. It is very inexpensive to operate. During the lifetime of your KitchenAid, this saving alone could add up to as much as the cost of our most expensive model.

Each part of the KitchenAid dishwasher is completely guaranteed for a year, and we make sure there is high quality service available in every place KitchenAid dishwashers are sold. Since we genuinely believe that a satisfied owner is



our best advertisement, you will find (should you ever need service) that we bend over backward to take good care of you. You'll be interested to know that only KitchenAid bears the Good Housekeeping, Parents' and McCall's seals of commendation, plus the broad recommendation of owners by the thousands.

The people who do your kitchen remodeling will know how to order a KitchenAid for you, or you can find KitchenAid in the Yellow Pages in most cities, if you want to arrange it yourself.

Thank you for reading this far. We hope the information is useful because now, when you're remodeling, is the best time to get a KitchenAid.

## KitchenAid®

**SUPERBA VARICYCLE**—The finest KitchenAid Dishwasher, push-button operated with 3 cycles; "Rinse and Hold", "Full Cycle" and "Utility and Utensil". King-size capacity. Vari-Front panels can be matched to your kitchen colors and finishes.

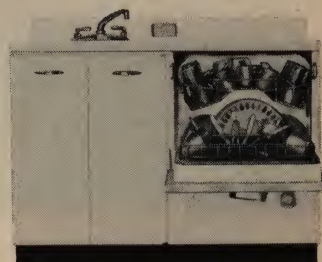


**IMPERIAL**—Just like the Superba, except it has one all-purpose push-button cycle. Rinse agent injection is optional.



In addition, the economy CUSTOM series built-ins are also available. Other KitchenAid options (all series) include free-standing cabinet models and counter-height dishwashers. There are top-loading portables, as well as convertible portables. Use the KitchenAid convertible as a portable today and build it in when you remodel.

**SINK-DISHWASHER COMBINATION**—Ideal for kitchen remodeling, with KitchenAid Imperial Dishwasher built into sink unit.



## THERE'S A KITCHENAID DISHWASHER FOR EVERY KITCHEN AND EVERY BUDGET.

KitchenAid Home Dishwasher Division, Dept. KHM  
The Hobart Manufacturing Company, Troy, Ohio  
(In Canada: 190 Rainside Road, Don Mills, Toronto)

Gentlemen: Please send me more information on the KitchenAid Dishwashers.

☐ Built-In ☐ Portable ☐ Convertible-Portable  
☐ Free-Standing Cabinet  
☐ Dishwasher-Sink Combination

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ Zone \_\_\_\_\_ State \_\_\_\_\_



# Successful modernizing depends on full housepower



## CALL IN A QUALIFIED ELECTRICAL CONTRACTOR FIRST

Remodeling a vintage house or building a recreation room, you're assured of the ability to enjoy every modern electrical convenience when you provide for *Full Housepower*. To live better electrically with the latest in lighting, heating, cooling and full use of appliances, you need adequate wiring. Put your wiring in the hands of an expert when he can be most effective... when you are planning for your present and future needs. Call in a *qualified* electrical contractor *first*. He is a modernization specialist who will—

☐ Study your lighting, heating and other electrical needs

- ☐ Plan your electrical system so you can use all the labor-saving appliances you should have, now and in the future
- ☐ Submit a contract that spells out all costs *in advance*
- ☐ Guarantee the job for a year—*in writing*

For names of qualified electrical contractors, write NECA—National Electrical Contractors Association, 610 Ring Building, Washington 6, D. C.





## Design is the cornerstone

Well-designed remodeling can make your present home more livable than a poorly-designed new house — keeping the best of the past, blending-in the best of today with a plan for tomorrow — regardless of the depth of your budget. In these pages you'll see modernizing projects priced at \$1,000 to \$16,500; they're homes of our readers who asked for help.

You will probably find here problems much like your own, and you'll realize that you don't have to demolish all and rebuild from scratch. Rather, you must choose what to keep and what to add, both on the interior and exterior, so old and new enhance rather than detract from each other.

Roof line, window placement, circulation, form, materials, colors, all are equally important. These, together with the structural, mechanical, and electrical features make up the total design. Remember that the small components are just as worthy of consideration as the larger elements. And though you may have to shop around for an architect and a contractor with the capability and interest to do good modernizing, it will be worth your while.

Some of the problems shown are small, some are extensive, but each solution makes a definite contribution to the home and is part of an overall design that can be continued as time and money permit.

As a guide, we asked our contractor-consultant, Mr. Daniel Capone, Sr., to estimate job costs as they would obtain in his area of Long Island, New York.

Put paint and architecture to work, modernize for \$1,032	54
Good ways to spend less than \$2,500 on a good house	55
Choose the best plan for family and funds, \$2,000 or \$3,000	56
A coverall roof caps total change of personality, \$10,500	57
Intrinsic Colonial character emphasized for \$3,600	58
Facade-lifting plan gets a lot done for less than \$5,000	60
Major remodeling in four stages, from \$1,767 to \$10,854	62
A contemporary attitude and more living space for \$16,500	66



# Put paint and architecture to work, modernize for \$1,032

**LOCATION**—Alliance, Nebraska

**OWNERS**—Mr. and Mrs. John J. Brittan

**ARCHITECT**—A. J. Harmon, A.I.A.



**BEFORE**



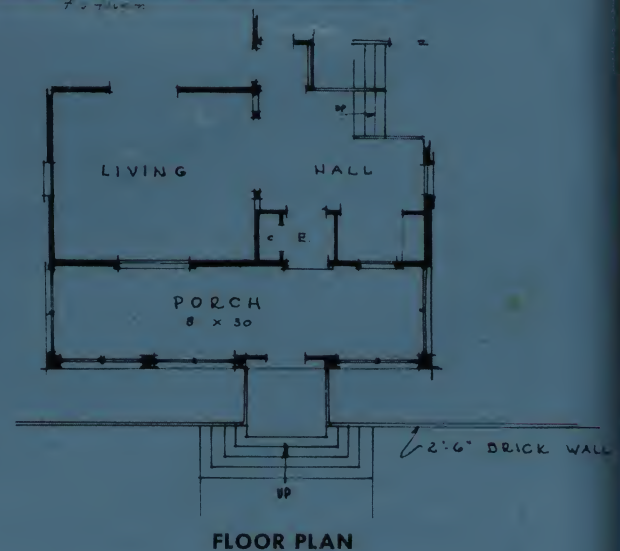
**AFTER**

The plan of the house itself is fine but Mr. Brittan asked for ideas on improving the looks of this older home. The updating we suggest hinges largely on a judicious repainting, plus a new entrance, plus a low brick wall that helps the landscaping immensely. Paint, in the right colors, can do amazing things to enhance a house; you can use it to "paint out" undesirable features and to stress good architectural details, as shown here. The big dormer, its windows altered to conform with first floor, is painted a dark tone to recede into the roof; porch columns and trim are white for emphasis. Brick wall is built back from the sidewalk to a height one step below the new door, with entrance steps rising to the wall level. The wall, small shrubs, and ground-cover plants help lower the apparent height of the house.

## JOB ESTIMATES

(Compare your local prices with these which apply to labor and materials in one area of Long Island, N. Y.)

New entrance (\$32) and door (\$18.36) including frame, hardware, etc. . . .	\$ 150.00
Changing dormer windows @ \$10 each. . . . .	20.00
Paint (entire house exterior, one coat) and labor. . . . .	400.00
Brick wall @ \$6.25 per foot, including footing. . . . .	312.00
New concrete steps. . . . .	150.00
<b>Total</b>	<b>\$1,032.00</b>



**FLOOR PLAN**



Alternate entry, louvered door backed by solid flush door, would cost \$18.44 more.



# Good ways to spend less than \$2,500 on a good house



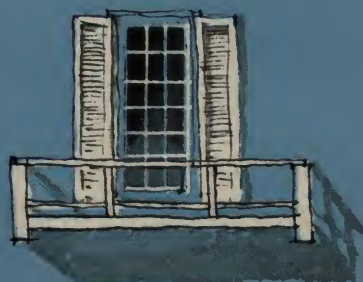
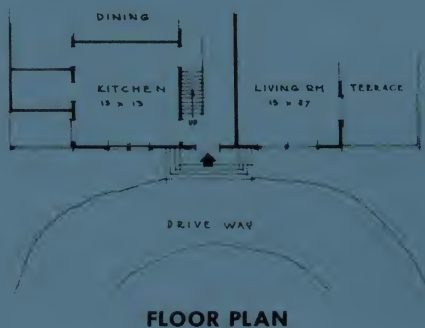
**BEFORE**

**LOCATION**—Mountain Lakes, New Jersey  
**OWNERS**—Mr. and Mrs. John Faber  
**ARCHITECT**—A. J. Harmon, A.I.A.



**AFTER**

*A. J. Harmon*



Balcony with low wood railing instead of wrought iron would cost only about \$140.

More than paint is needed here: to do right by the character of this comfortable 1918 house some exterior structural changes are indicated. First we remove the porte-cochere; enlarging it to any practical use would be too expensive. The front door is moved over a bit to settle the facade; a flower box under the high kitchen windows seems to even them up with the others. Much as we all like trees, the big one in the middle has to go because it gives the house a cross-eyed look. A balcony off the upstairs hall will protect the new entrance and let the door above be opened safely. Complete reroofing includes cutting the dormers down and finishing them with flat roof, which is less prominent. Finally, the house will appear longer if a terrace wall of matching stucco is built out on the right side at sill height.

## JOB ESTIMATES

(Compare your local prices with these which apply to labor and materials in one area of Long Island, N. Y.)

Removing porte-cochere and building new entrance.....	\$ 400.00
Kitchen window box.....	20.00
New roof (\$512.50), cutting down dormers (\$100 ea.).....	712.50
New balcony with wrought iron railing.....	250.00
Terrace wall of stucco.....	100.00
Shutters, painting and patching.....	1,000.00
<b>Total</b>	<b>\$2,482.50</b>



# Choose the best plan for family and funds, \$2,000 or \$3,000

BEFORE



**LOCATION**—Oklahoma City, Oklahoma  
**OWNERS**—Mr. and Mrs. John H. Smith  
**ARCHITECT**—A. J. Harmon, A.I.A.

AFTER



## JOB ESTIMATES

(Compare your local prices with these which apply to labor and materials in one area of Long Island, N. Y.)

A. Enclose porch, enlarge LR.....	\$ 389
Enlarge kitchen .....	350
Interior partitions, closets.....	210
New entrance door.....	100
Porte-cochere, \$672; incidentals, .....	972

Total \$2,021

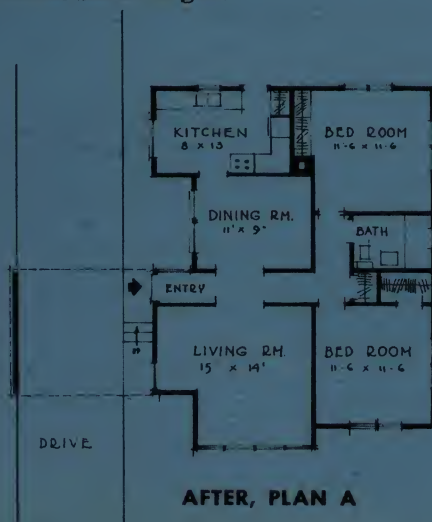
B. Enlarge LR & partition work.....	\$ 599
Enlarge kitchen .....	560
New kitchen cabinets.....	476
Porte-cochere, \$1,250; incidentals, .....	1,550

Total \$3,185

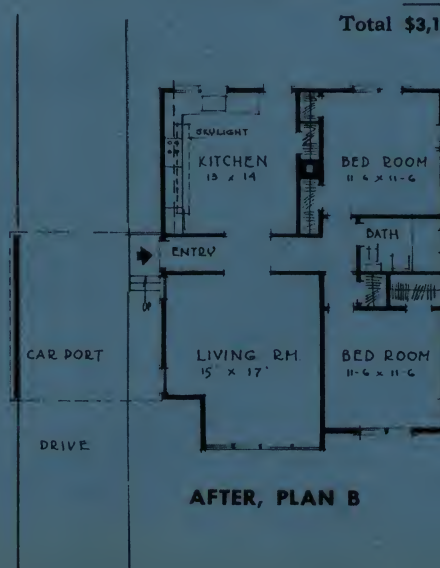
Though there is always more than one way to modernize, the smaller your house and lot the fewer are your choices on how to expand. Even so, this little house can be enlarged several ways within its own perimeter. We show two: gaining more space in both dining room and kitchen, *Plan A*, or a large family kitchen that can be used for both, *Plan B*. Additionally we develop a better living room by moving the entrance to the side and extending the room to take in the front porch. A porte-cochere relieves the chopped-off look and makes the house seem larger.



BEFORE



AFTER, PLAN A



AFTER, PLAN B



# A coverall roof caps total change of personality, \$10,500



BEFORE

**LOCATION**—Woodburne, New York  
**OWNERS**—Mr. and Mrs. Harry Freeman  
**ARCHITECT**—A. J. Harmon, A.I.A.



AFTER

## JOB ESTIMATES

(Compare your local prices with these which apply to labor and materials in one area of Long Island, N. Y.)

Demolition (\$200) and new addition...	\$ 7,880
Move small bedroom wall.....	50
Closet (next to existing bath).....	40
Steel beam (46').....	244
New tile bath and dressing room.....	1,300
Portico .....	696
Bay windows on living room and bedroom, (\$150 each, but if added later would cost approximately \$300 each)	300
<b>Total</b>	<b>\$10,510</b>

The Freemans had added a 12' by 30' foundation when they asked us for help. They want a hospitable home with a larger living room, dining room, and kitchen. And while they have bedrooms aplenty (two more upstairs) they want a bedroom-dressing-bath suite. In the new plan we use the extra foundation and add 4' more across most of the front. A graceful portico shields the new entrance; the unified facade has long, formal windows. The roof slope of the addition ties in easily with the original roof and completes the charm of a distinctive transformation.





## Intrinsic Colonial character emphasized for \$3,600



BEFORE

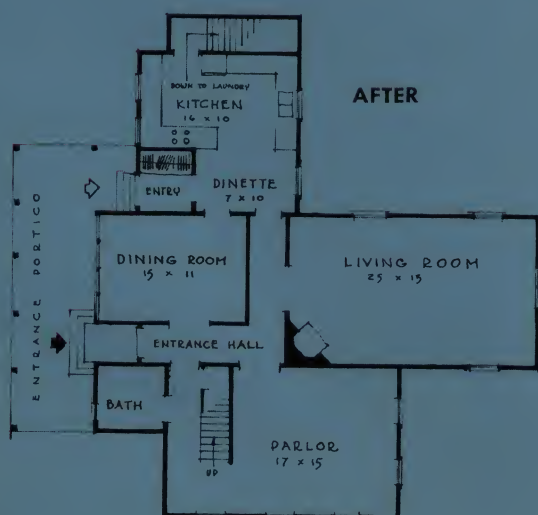
LOCATION—Whitinsville, Massachusetts

OWNER—Dr. Z. Szaloki

ARCHITECT—A. J. Harmon, A.I.A.



BEFORE



AFTER

A glass-paned entrance porch mushrooming around one corner of this comfortable New England home, *before*, confuses and downgrades its pleasing, basically Colonial lines. The owner wrote that he was principally interested in alterations to "improve the look of the front of the house including a suitable entrance."

The solution we suggest here removes the old porch and places a more formal entry on the side, between dining room and stair hall, sheltered by a portico that contributes outward grace and proportion. This change improves the circulation inside the house; a useful entrance hall is gained, and another new hallway eliminates tracking through the dining room to get to the main door. The three bedrooms and bath upstairs stay as they are.

The new portico entrance can be designed in several ways but should be kept simple to stay in character with the straightforward feeling of the house. Similarly, more formal planting should replace the ragged, overlarge evergreens that give the house a low, squat appearance. Exterior paint in two shades of a soft gray-green, with touches of white, will have year-round dignity and look particularly well in the Bay State's winter snows.





### JOB ESTIMATES

(Compare your local prices with these which apply to labor and materials in one area of Long Island, N. Y.)

Tearing off old porch and patching.....	\$ 300.00
Changing door into window.....	150.00
Interior partition work (drywall) and double doors into dining room (\$40).....	350.00
New dining room window.....	275.00
Birch kitchen cabinets (\$900) and vinyl kitchen floor (\$256).....	1,156.00
New portico with brick floor.....	1,178.76
New entrance and door, slate floor and steps.....	228.00
<b>Total (not including complete repainting)</b>	<b>\$3,637.76</b>



**Detail sketch** of main entrance reveals charm and dignity of new formal approach. Deeply recessed panel door; flush lights; vertical siding adds height and contrast. Handsome floor and shallow steps are of gray slate.



**Colonial columns** of round wood, 8" in diameter, cost \$15.87 each and would add about \$127 to the cost of the portico.



**New weather-stripped** windows cost about \$25 each, take about \$10 more in labor to install. Shutters run \$14 to \$20 a pair.

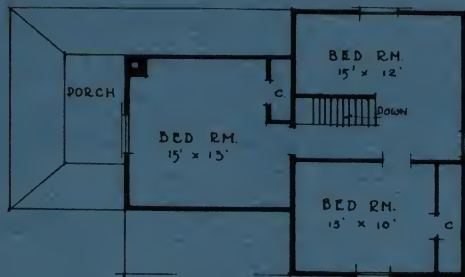


## Facade-lifting plan gets a lot done for less than \$5,000

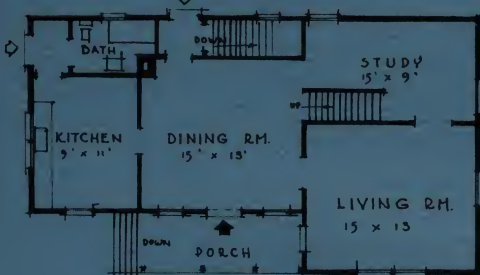


**BEFORE**

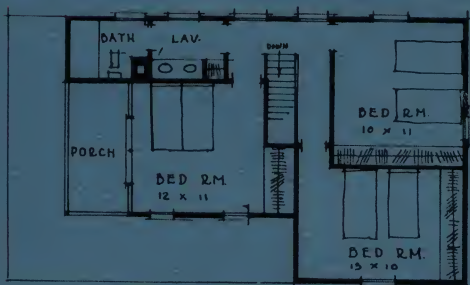
**LOCATION**—Red Wing, Minnesota  
**OWNERS**—Mr. and Mrs. LeRoy Rapp  
**ARCHITECT**—A. J. Harmon, A.I.A.



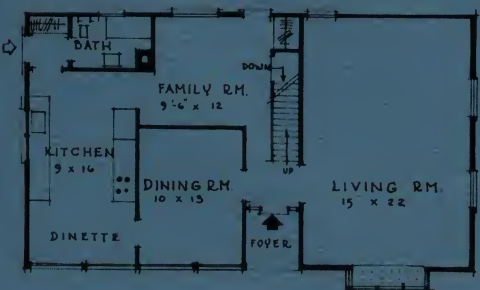
**BEFORE, SECOND FLOOR**



**BEFORE, FIRST FLOOR**



**AFTER, SECOND FLOOR**



**AFTER, FIRST FLOOR**



**AFTER**

The little snapshot shows a solidly built but now inadequate farmhouse, typical of many that dot the countryside. Mr. and Mrs. Rapp want to remodel to make their home more livable and up-to-date, to have more and better closets and storage facilities.

Using locally available materials, here is our proposal for the Rapp home. For better circulation we relocate the interior stairs in a major change that opens and reorganizes the first floor, and also frees the back bedroom upstairs. The living room is then enlarged, taking in the old study, and a bay window with a comfortable window seat is added. A second-floor bathroom is installed in a shed dormer directly over the existing bath—the economical way. The front porch is extended and enclosed; a steel beam supports the nine-foot span in the new dinette and the ten-foot dining room span. The lengthened kitchen-dinette now has space for table and chairs, an advantage in any house. Another gain is a family room that also can serve as a farm office. The modern facade is inviting and it admits much more light. A new roof extension shelters the porch off the master bedroom—an extravagance but a fine little private retreat.





### JOB ESTIMATES

(Compare your local prices with these which apply to labor and materials in one area of Long Island, N. Y.)

Interior partition work.....	\$ 300
New stairway .....	175
Additional facade (incl. \$105 for steel beam).....	1,408
New living room bay window.....	200
Bedroom porch and roof extension.....	330
Bedroom window-wall .....	150
Compartmented tile bath and dormer.....	1,000
Painting (two coats).....	1,000
<b>Total</b>	<b>\$4,563</b>



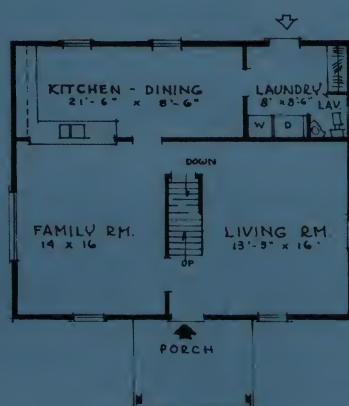
**Above** Alternate facade of plywood and arches would be particularly desirable for a northern exposure or if more privacy is wanted. The basement entrance remains protected, and interesting outdoor lighting effects can easily be achieved. Curved staircase, echoing the arches, is custom work, could cost \$200 to \$400. **Left** Exterior lights that would look well with either facade are traditional carriage lamps, reproductions of which are available in various sizes. The first, far left, sells for \$33.50, the next (and largest) is \$78.75, and the smallest \$19.95.



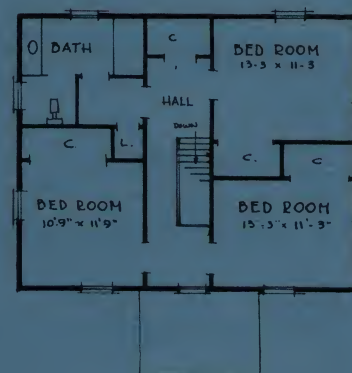
## Major remodeling in four stages, from \$1,767 to \$10,854



BEFORE



FIRST FLOOR

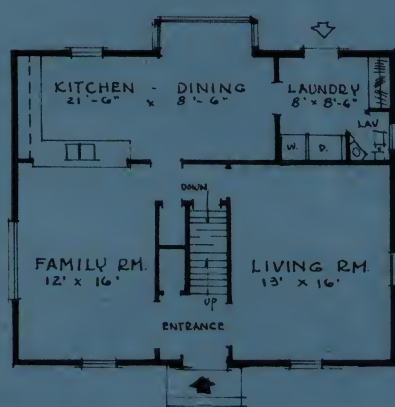


SECOND FLOOR

Far from being “hopeless” this little rectangle of a house is one of the easiest kinds to do something with because of its simple lines. And in this case we’re thinking big in behalf of a family favored with four pre-school children, plenty of pets, and a beautiful big chunk of country property—five-and-a-half acres with four rambling streams; all of which should make all or any part of this remodeling a worthwhile investment.

We envision developing the basically sound old structure in four stages. In working toward the completed homestead, thought must be given to each step so that whatever is done is integral to the finished project; each stage must compliment the next one but look complete in itself; the interior development goes hand in hand with exterior improvements.

### FIRST STAGE



FIRST FLOOR, FIRST STAGE

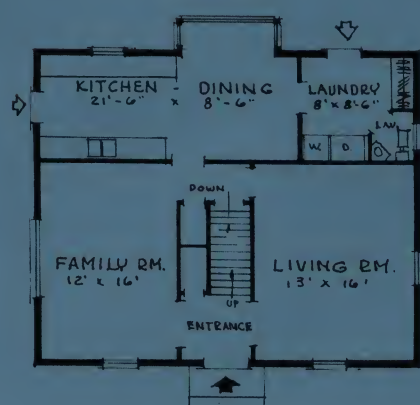


To correct some of the more pressing problems we remove the porch, redesign and widen the doorway on center, and create a separate entrance with doors to the family and living rooms. (That dead-end upstairs door becomes a window.) A hall closet is needed and another backs it up storing games,

card tables, and cleaning equipment. The dining area is enlarged with a bay window. Complete exterior painting (properly considered maintenance) will cost about \$1,265. A few simple, key plantings—to be moved later on in the redevelopment—can probably be bought for around \$150.



## SECOND STAGE



FIRST FLOOR, SECOND STAGE



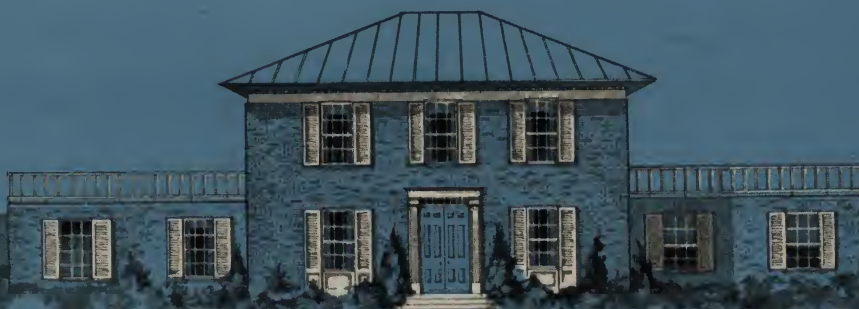
The kitchen is rearranged for more counter space and a new door is opened to reduce traffic through the dining area. The opening over the sink is closed: on occasion the family room now can be used as a proper, even formal, dining room. Brick veneer on the entire exterior would cost \$4,550 but would

save the expense of future painting and add some insulation value; if applied in the first stage, instead of paint, the \$1,000 saving could go into the brick. But if the proposed wings will be developed in the near future, we advise using the veneer only on the front of the house (\$1,130).

## THIRD STAGE



FIRST FLOOR, THIRD STAGE



One or both wings may be added next. We design them with flat roof to be used as porches permanently or until the space is needed for more bedrooms, in which case the upstairs should be planned ahead so the contractor can allow for additional plumbing and heating. The new family room and

porch cost \$5,712 built at the same time; roughly ten percent more if built separately. The two-car garage will be \$3,272. By omitting brick veneer, over \$800 could be saved on each wing—almost enough for a one-car garage; but if brick is wanted, it's best to start with it. (Continued on page 64)



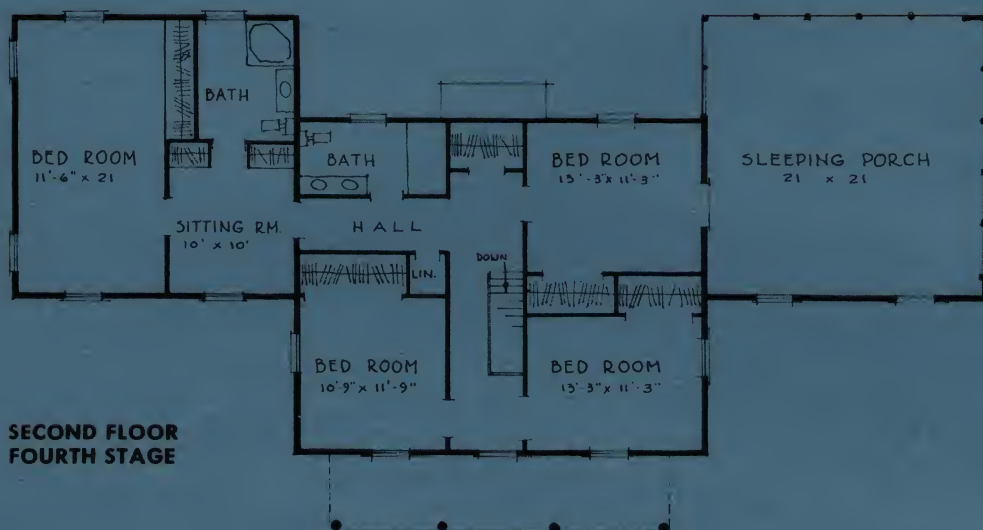
(Continued from page 63)

**LOCATION**—Vicinity of Mansfield, Ohio

**OWNERS**—Mr. and Mrs. Ronald Shinabarker

**ARCHITECT**—A. J. Harmon, A.I.A.

## FOURTH STAGE



**SECOND FLOOR  
FOURTH STAGE**

Completing the wings, a new master bedroom suite is added on one side and a sleeping porch on the other. (Variations of the master bedroom are shown in the Interior Design pages of this issue.)

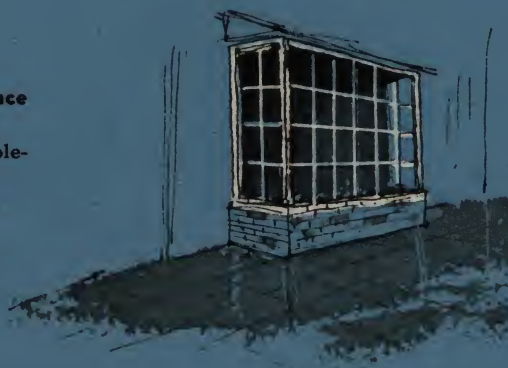
The new bath, backed up to the present one to save on plumbing, could cost from \$400 for something modest, up to \$2,000 for a very "posh" setup. We alter the old bath, taking part of it for a hallway. Giving the large closet at the top of the stairs a cedar lining takes about \$132 for wood and \$30

for labor. The sleeping porch costs less (\$3,833 in brick veneer) than the bedroom wing (\$5,712) because it is simply screened in and no plumbing or heating is involved; both, of course, cost less if built along with the first floor.

The last elegant touch is the two-story portico. With a flat roof, 16' columns, and concrete base with two steps, it costs from \$1,146.50 up, depending on the columns selected; but it is a truly gracious entrance to a now lovely home.

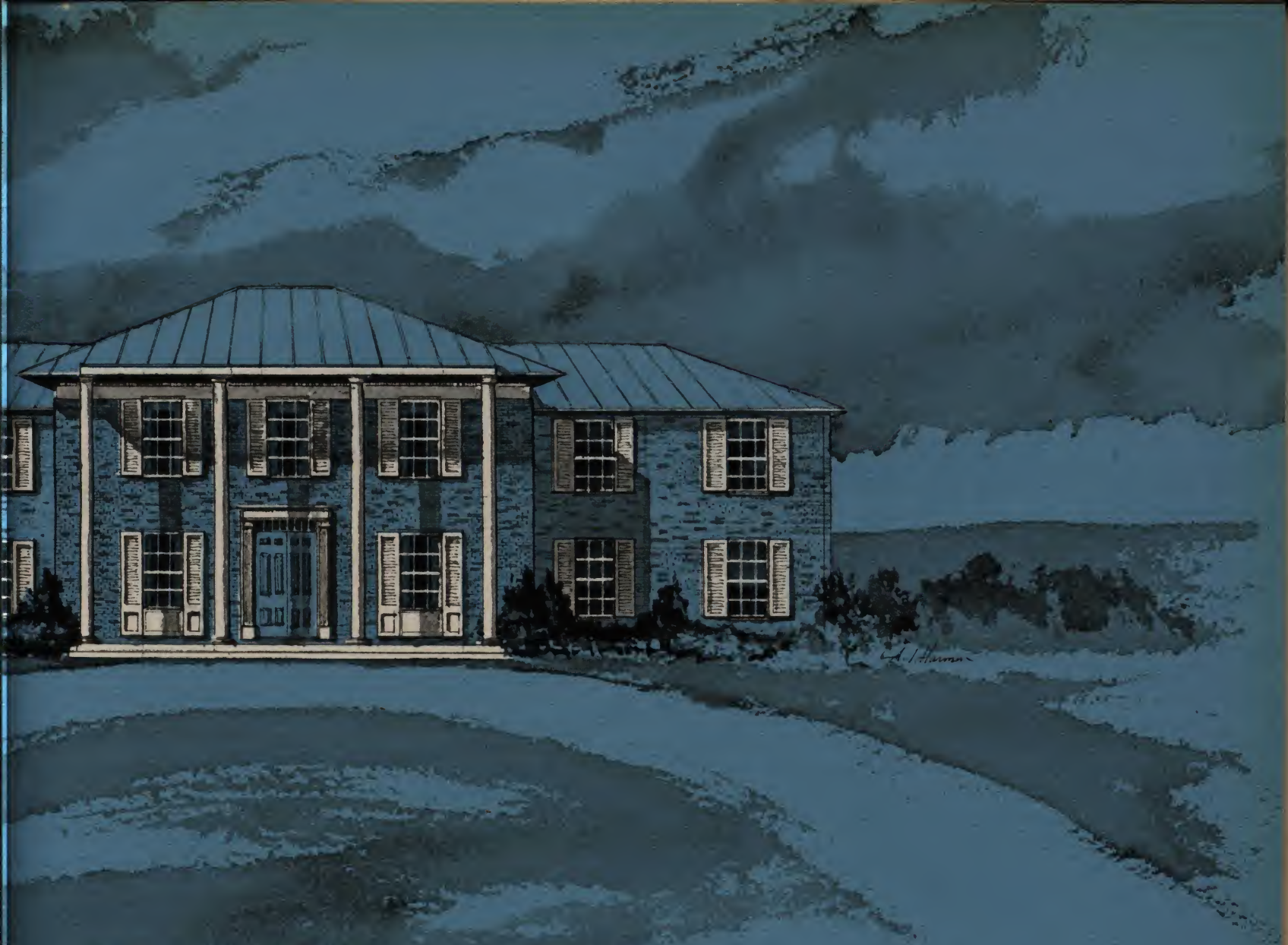


**This alternate entrance** and door would save about \$150 over double-door entry shown on house. Entrance costs about \$40 and door about \$20, plus labor.



**Large bay window** with foundation is a good choice because it increases room size in the original dining area. This one would cost \$290.





## JOB ESTIMATES

(Compare your local prices with these which apply to labor and materials in one area of Long Island, N. Y.)

### FIRST STAGE

Removing old porch, patching, etc.....	\$ 40.00
Partition work and closets on first floor.....	155.00
New entrance, frame, door and hardware.....	255.00
Changing upstairs door to window.....	80.00
Painting entire house exterior, two coats.....	1,000.00
Painting roof, two coats.....	265.00
Building bay window in dining area.....	290.00

Total \$2,085.00

### THIRD STAGE

Cutting door to family room from dining room.....	\$ 40.00
New family room and porch in brick veneer.....	5,712.00
New garage in brick veneer.....	3,272.00

Total \$9,024.00

### SECOND STAGE

Brick, front facade only, 2" side.....	\$1,130.00
Shutters, front only.....	88.75
New kitchen door.....	100.00
New kitchen cabinets.....	408.00
Closing wall over sink.....	40.00

Total \$1,766.75

### FOURTH STAGE

New second floor bedroom suite.....	\$ 5,712.00
New sleeping porch over garage.....	3,833.00
Portico and base as shown.....	1,146.50
Cedar closet in second floor hall.....	162.00

Total \$10,853.50

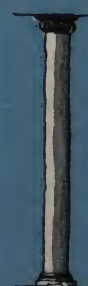
Total project \$23,729.25



Alternate bay window treatment that uses no footing would cost around \$190. New kitchen door and frame cost \$40.15, plus labor to install.



**Roman column**  
16' high and 16" diameter, \$111.76



**Ionic column**  
16' high and 16" diameter, \$145.26



**Corinthian column**  
16' high and 16" diameter, \$190.45



## A contemporary attitude and more living space for \$16,500



Now overseas but soon to retire from active military service, a Tennessee family with two little children will remodel this desirable property and make it their permanent GHQ. Their plans for modernizing, enlarging, and decorating will take the form of "an absorbing family hobby" over a period of several years. And as the father also wrote, stacking ideal requirements against a not-lavish pocketbook, "We realize that compromises must be made, but we do not want to make them in good styling or sound construction . . . rather, in the nature of temporarily unfinished projects in the various phases of construction."

As you see on the following two pages, we suggest an overall reorientation with a contemporary flavor. The side elevation shown above gets more windows to take advantage of a sweeping view and to improve the facade. The new kitchen entry is now on the front of the house (as was the former one in actual practice) and the old, unused front porch is absorbed into a library and a guest room. In numerous transitional changes, *see floor plans*, a new living room, terrace, portico and garage are developed; a circular staircase connects the living room directly with an airy master bedroom suite that has its own balcony.



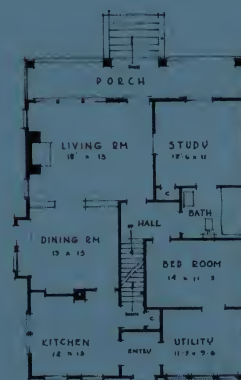
## BEFORE



**LOCATION**—Signal Mountain, Tennessee

**OWNERS**—Mr. and Mrs. Lovell J. Morris, Jr.

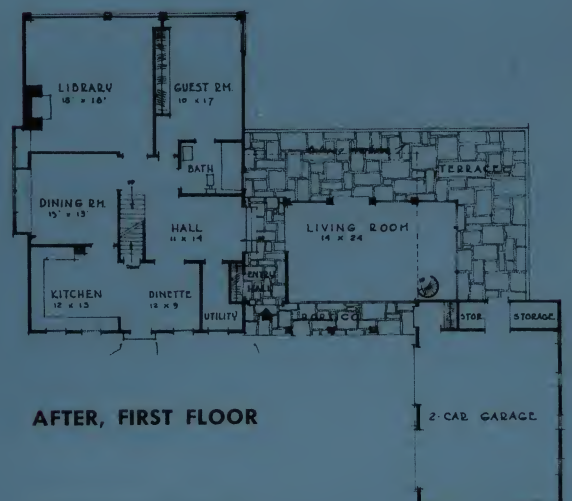
**ARCHITECT**—A. J. Harmon, A.I.A.



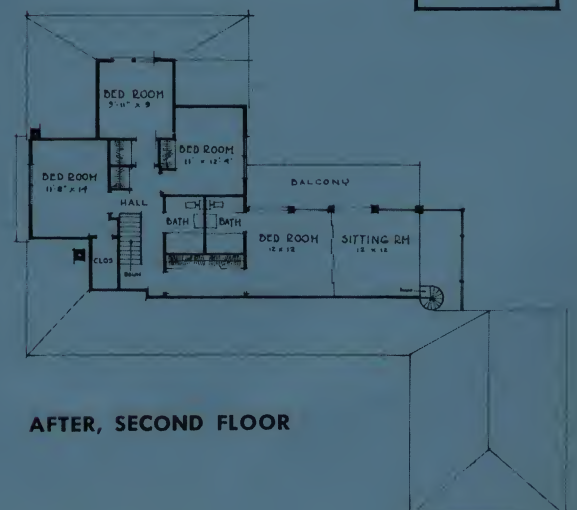
BEFORE, FIRST FLOOR



SECOND FLOOR



AFTER, FIRST FLOOR



AFTER, SECOND FLOOR

AFTER

Before, right  
Old service and  
entrance driveway  
after, below  
redeveloped into  
main entry with  
formal portico.





BEFORE



AFTER



A. J. Hannon

**JOB ESTIMATES**

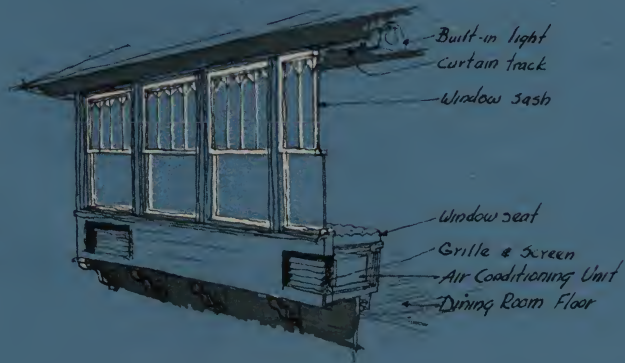
(Compare your local prices with these which apply to labor and materials in one area of Long Island, N.Y.)

Extend library and guest room over porch.....	\$ 760
Increase bay window (with re-used windows).....	200
Kitchen cabinets (\$850), partition work (\$120).....	970
Facade work on kitchen windows (moving, etc.).....	170
Relocate upstairs partitions and closets.....	300
Double bathroom upstairs.....	1,500
Living room addition.....	6,300
Additional upstairs suite.....	2,100
Terrace .....	1,280
Two-car garage .....	3,000
<b>Total</b>	<b>\$16,580</b>



Alternate entry portico of stone and narrow windows, instead of sunscreen wall of louvered doors and glass wall (\$775), would cost an additional \$200 installed.

Two built-in air conditioning units placed under window-seat bay will cost about \$700 for the area.



- Built-in light
- Curtain track
- Window sash
- Window seat
- Grille & Screen
- Air Conditioning Unit
- Dining Room Floor



If existing double-hung windows cannot be reused, new casement windows will run about \$60 each.



## **A well-planned room pleases the senses**

A good room starts with the architecture. Space properly proportioned, with doors, windows, and wall areas placed in the right positions for well-planned furniture arrangement, provides the beginning for good interior design.

From here on, take your cue from the definition of interior design given years ago in Dow Walling's comic strip, "Skeets," and fill the space to make it "workable, livable, and comfortable."

If the background is the important factor in the room because of woodwork and walls finely crafted in period details, select furniture of good line, scale, and proportion that will tend to recede into rather than compete with the background. Nondescript furniture can be painted to match the walls.

If the room is small, use the same color for walls, draperies, furniture covers, and floor covering, varying the value. Work from darker on the floor to lighter for the ceiling. Vary the textures for contrast. And pick accessories with sharp accent colors; group or place them dramatically.

If the room is large, you may use light furnishing colors against dark backgrounds, or vice versa.

A happy room is planned, planned, and planned until finished. Then you can forget it and enjoy it.

Three choice ways to design one room, low-to-high budget	71
Take stock of styling when you plan rooms	72
Delightful dining rooms don't just happen, they're planned	74
If your house is small, have a big kitchen-diner	76





See page 57

This is the least expensive room of the three. Rather than patch and match the existing floor and addition, we save money by subflooring with plywood and covering with wall-to-wall carpet (\$10 sq. yd.). Instead of a fireplace accent we emphasize the end wall with bookshelves that also hold magazines, hi-fi equipment, records, and television, plus catchall storage cabinets at the floor. Roller shades in colorful holiday stripe can be translucent or opaque, according to the degree of privacy desired. The bay window costs \$150, the built-in window seat \$40. Furnishings for this room could be budgeted at about \$1,000.



## Three choice ways to design one room, low-to-high budget

Glancing at these three rooms you may well have difficulty judging which is the least expensive. We have planned the living room of the house on page 57 in three ways, budgeted for low, medium, and higher cost. But in each instance the character of the design was established first, and the materials introduced to implement that design within the budget. Once a good design is determined upon, with relation to windows and other openings, decoration and furniture are matters of personal taste. Results hinge on *how* you spend, not on *how much*; and you have endless choices in colors, textures, styles, line and finish.



**Here we use** an elegant modern treatment, and the highest in cost. There's a fireplace (\$500) and room-length raised marble hearth (\$200), but the focal point is the bay window, framed in wrought iron and roller-curtained in shantung or bouclé backed by vinyl. Walnut plywood (\$20 per 4' by 8' panel) on the walls saves plaster patching. Marbleized floor tile is \$5 sq. ft. Furnishings are valued at \$5,000.



**Traditional** takes up the middle ground in our medium-priced living room. The fireplace, with Colonial mantelpiece (under \$50), is the center of attraction and the simply curtained bay-window wall is played down. Hardwood flooring (36¢ sq. ft. plus labor) must be cut and pieced to match the existing floor. Moulding at the ceiling (15¢ ft.) adds scale and finish. Furnishings would run to about \$2,000.





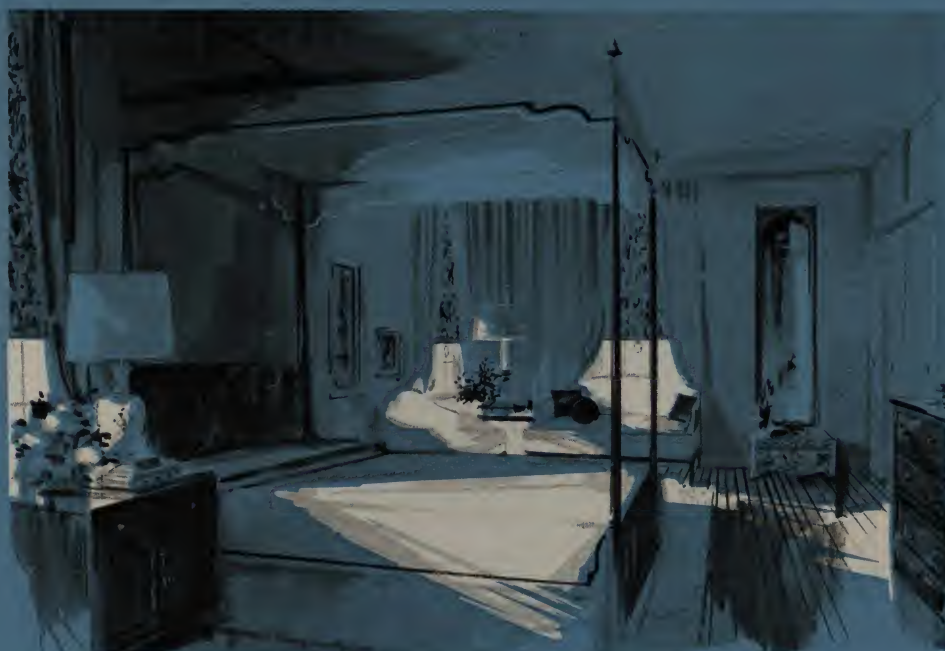
In the French Provincial mood and admittedly expensive, room has whitewashed cathedral ceiling that adds \$400 to the construction cost. Mirrors (\$20 each) flank dressing-table window, topped by a long silk-covered valance with concealed lighting. Walls are covered with silk-screened vinyl. Random pegged oak floor could be stained dark blue. Furnishings as shown would be around \$3,000.

## Take stock of styling when you plan rooms

Whatever your money budget, you can have excellent interior fashion when you add a room or remodel an old one. New rooms, like this bedroom addition, don't involve cutting or patching, and they give you wider choices of materials, but the same principles of good design and planning apply. Here see three ways to style a beautiful, restful room that catches the early sun and filters it softly, not directly, to sleepers.



# INTERIOR ARCHITECTURE



**Above** Least expensive but has distinctive character; canopied bed, draped window wall, printed vinyl roller shades. Intercom (on night table) to child's bedroom costs \$75. Bi-folding closet doors are \$19 pair. Furnishings for this version would be about \$1,200.

**Below** Medium-priced room nevertheless has lavish touches. Cane headboard on oversize bed matches cane-paneled closet doors; curved window valances house flowing draperies; wall-to-wall carpet (\$10 sq. yd.) saves finishing the floor. Furnishings here, about \$2,000.



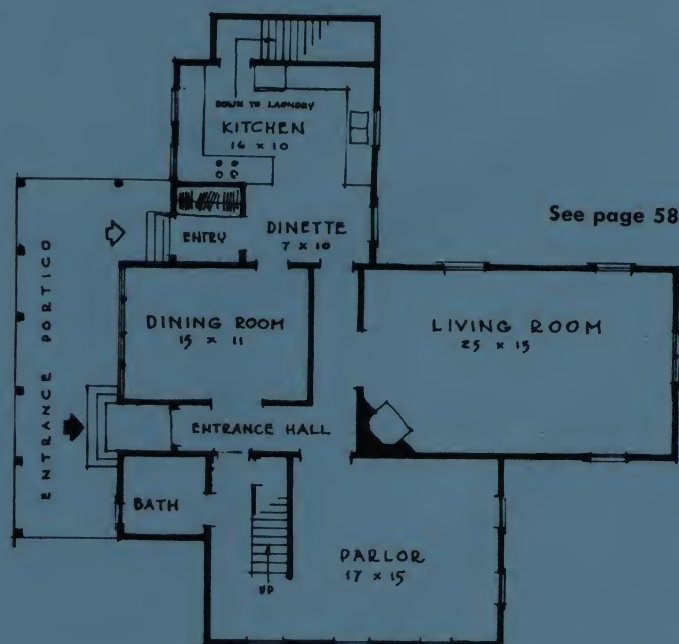




The Williamsburg feeling is reflected in a formal room that carries out the traditional Colonial character. Standard interior Colonial doors are about \$15; you'll want at least a 3-foot swinging door to the kitchen in order to carry a tray through. Dropped ceiling beams cost about \$100, dado and chair rail \$170. Floor here is wood with room-size rug. Furnishings valued at around \$5,500.

## Delightful dining rooms don't just happen, they're planned

We've designed pleasing alternatives for the interior architecture of a remodeled dining room. Many parents today want to re-establish the separate dining room—as the pleasantest place to entertain, and the only place to teach children table manners. Easier food preparation encourages this trend; with less fuss and bother in the kitchen, there's more time to serve nicely and to enjoy the best food in town—at home.





**Right** Low-budget version of the same room has a gay, bright, Continental air, uses gracious but inexpensive round table, Italian chairs, bracketed serving shelves. A light valance glows above attractive roller shades; wall-to-wall carpet hides floor patches. Panel doors come in several designs, cost from \$20 up. Furnishings valued at about \$700.

**Below** Refinished floor (\$50) is stained to match dado and chair rail in medium-price room with drop-leaf table and upholstered-seat chairs; alternate floor of vinyl asbestos tiles would be 85¢ sq. ft. Acoustical tile ceiling is about 25¢ sq. ft.; louver door to kitchen, \$12 plus frame; double door to hall, \$22 pair. Furnishings are about \$2,000.



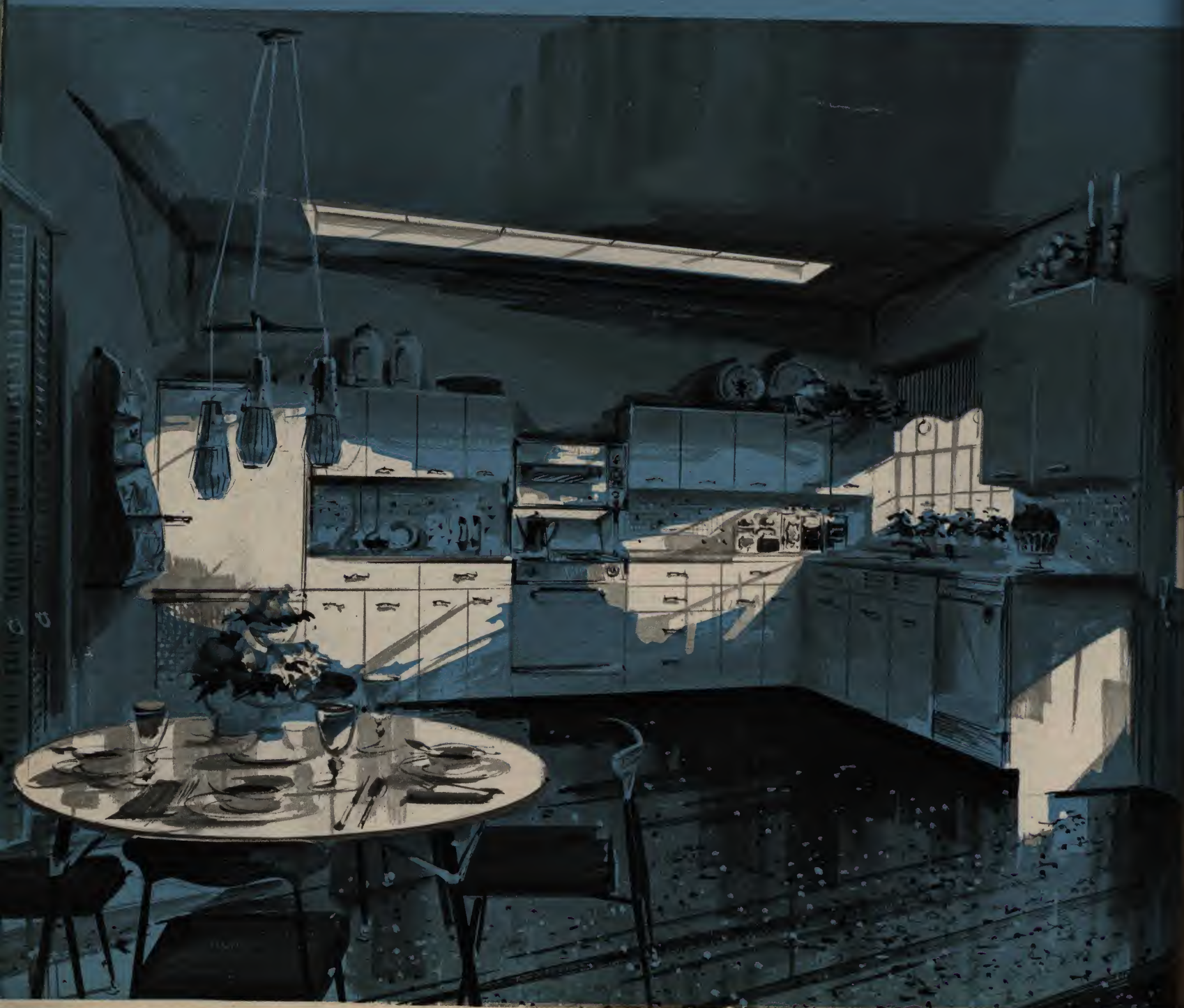


## If your house is small, have a big kitchen-diner

Often, where a house is quite small, a family may be better off to sacrifice a separate dining room in favor of more space in a really bang-up kitchen and dining combination. This one is expanded toward neighbors and therefore windows are omitted on that wall and light is brought in via a plastic skylight (\$150). New vinyl asbestos floor (\$135) covers patching. The new range with eye-level rotisserie on top and regular oven below (\$435) fits into 30" of space. Base and wall cabinets are re-used wherever possible (all-new birch cabinets would cost \$476 with plastic laminated tops). The cost of structural alteration alone is \$660; new equipment is an additional \$1,205; entire room and furnishings, about \$2,919—not too expensive considering the increased value of the house and the added enjoyment of the pleasant family-center kitchen.



See Plan B, page 56





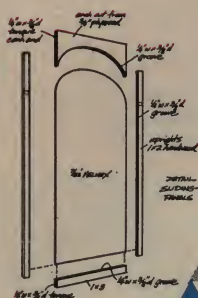


## Here's 1 of 10 lively design ideas in glass to add new dimension to decorator home design

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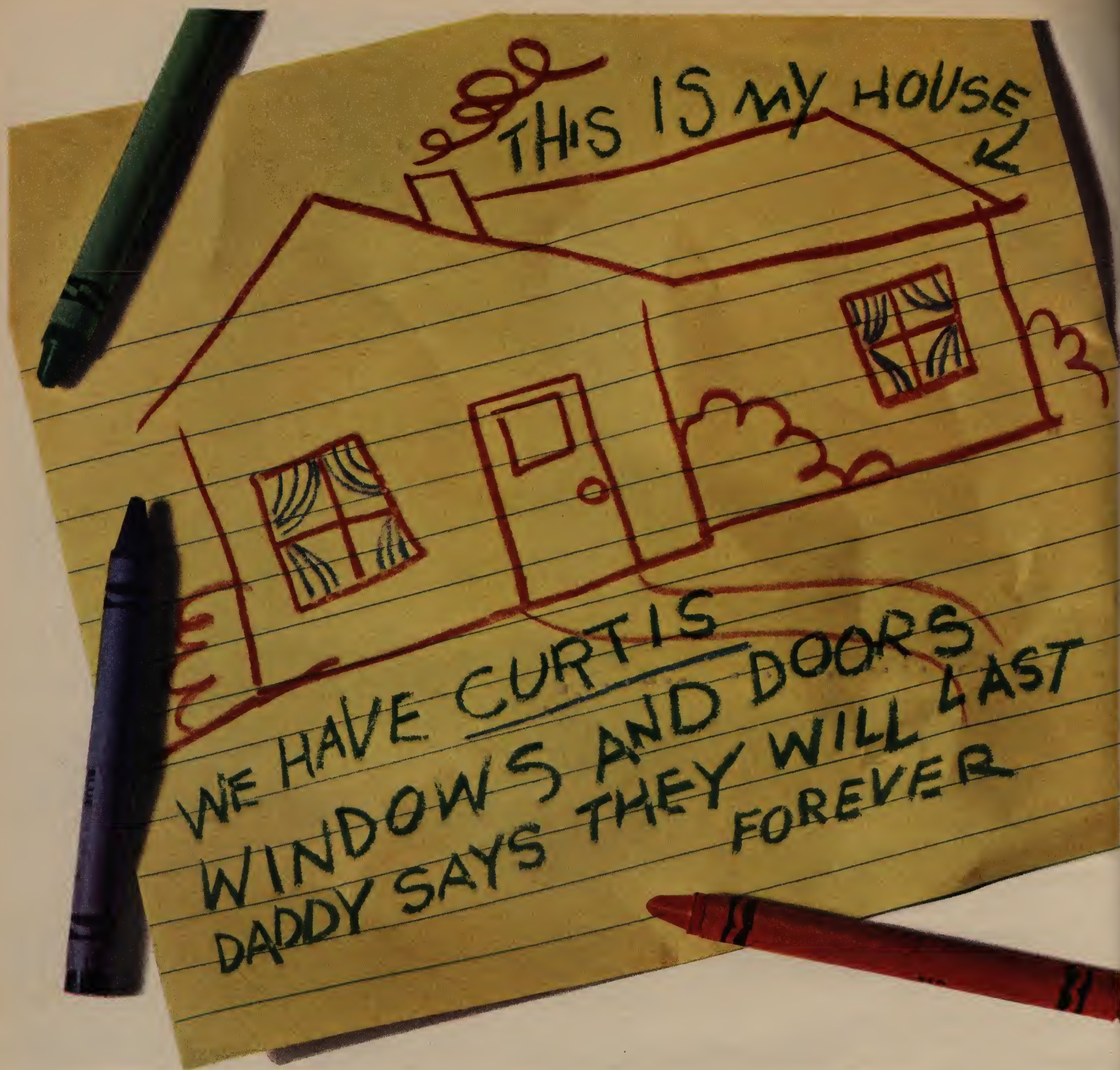
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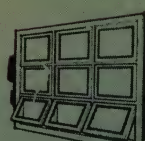
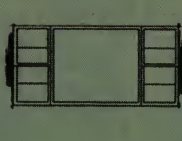
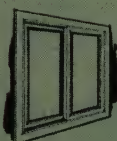
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**Above:** Americana 790, the Eye-level range with smart recessed cooktop; automatic rotisserie; high-

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**Above:** Hood JH96 with Eye-Hi controls, including pushbuttons for surface unit; Cooktop JP86 with Sensi-Temp automatic unit, Tilt-Lock surface units with removable trim rings and reflector pans; Double-oven model JC28 with automatic rotisserie and removable doors.

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## Don't ignore building codes

If your modernizing project involves plumbing, wiring or any basic construction work, your community may have building codes that could restrict your freedom of choice. You or your contractor should have your plans checked by your local clerk or Commissioner of Public Works to be sure they conform with the prevailing building patterns in your area.

Outmoded laws penalize you by preventing you from using some of the newest materials and the most up-to-date building techniques. Many communities across the country are in the process of examining their codes and re-writing them to accommodate the many fine materials and more efficient equipment that have been developed by the building trades since the end of World War II.

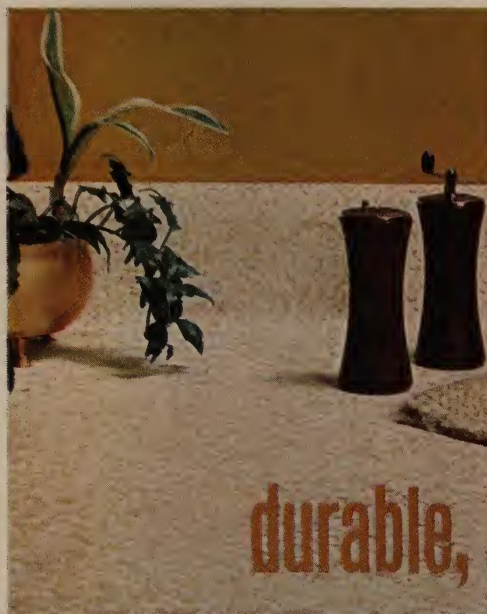
It is only common sense to assure the structural safety of a building before it is built and to insure a sanitary atmosphere. But too often building codes have been written after catastrophe like fire, earthquake, epidemic or a sensational structural collapse. On occasions, public opinion has demanded they be unnecessarily strict.

Very simply, the building codes that have become outmoded, in the opinion of most authorities, are those written to define the kind of material that must be used rather than to define the performance or result that a material must be adequate to achieve. Architects and builders were denied the use of many high performance materials.

If codes are obstructing the modernizing in your community you might consider spearheading a drive to change them. Building code committees have been set up in many towns and been instrumental in re-writing codes. A committee should consist of a lawyer who is well versed in municipal law; an architect who has a general practice; a representative of the building trade unions; and a representative of the public.

If they can prove that the codes in your area are out-moded and instigate a change you and your whole community will benefit.

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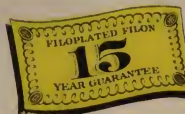


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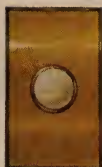
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4. Sketch of house in relation to lot, street, etc.
5. Information about members of family, local building codes, and any other helpful data.

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**No. 19**

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**It's an "Idea" Board!** See its beauty, and you'll get dozens of ideas about paneling your rooms and other easy projects that increase your home's value, beauty and ease of care. The 4' x 8' panels go up quickly... beveled edges blend with the random-plank-effect grooves for professional-looking panel joints. (Matching perforated panels available.) And it's durably prefinished in three popular, soft-sheen, cherrywood tones to enhance any room. Finish is double-grained for a rich, natural depth of cherrywood beauty, then

protected with exclusive Hinesguard—a coating impervious to alcohol, detergents and other common household solvents, and resistant to stains and scuffs. Made of sturdy Hines Hardbord, Cherribord is easy to cut... won't split, splinter or crack. Best of all, this natural-looking cherry grain beauty costs so little—about \$25 for a normal 12-ft. wall section—you can afford to carry out your ideas for paneling and built-ins right now! Creating a new home...or making an old one "like new"...specify Hines Cherribord.

**SEND FOR FREE CHERRIBORD SAMPLE  
AND FULL-COLOR FOLDER**

Edward Hines Lumber Co., Special Products Division  
200 S. Michigan Avenue, Chicago 4, Illinois

Please send me a free sample of Hines Cherribord, and full-color folder illustrating the complete line of decorative HINES Hardbords for indoor and outdoor applications. Also tell me name of nearby lumber dealer who sells Cherribord.

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ Zone \_\_\_\_\_ State \_\_\_\_\_

**HINES**

Edward Hines Lumber Co., Special Products Division  
200 South Michigan Ave., Chicago 4, Illinois



## Construction without confusion

You will not be able to watch your modernizing construction proceed with the same neatness and order you see in new construction. For by its very nature modernizing construction involves demolition. But if you have planned well the destruction and consequent re-building can proceed with a minimum of confusion and disorder.

If you plan a schedule for every phase of the work you will know just who is responsible for every job, when he will do it and how long he will need to complete the work. When you are planning your budget be sure to ask for several bids from different contractors. Many, unfortunately, do not like to do modernizing jobs and may over-bid to discourage you.

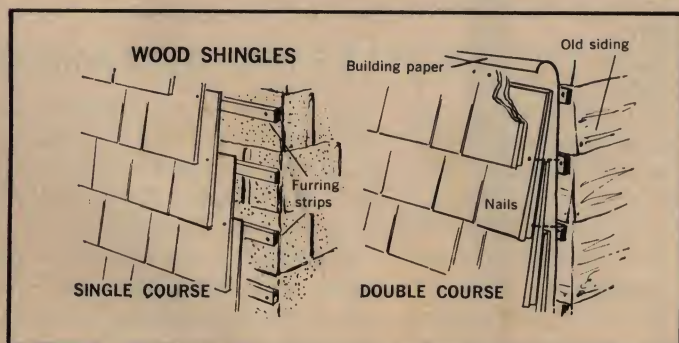
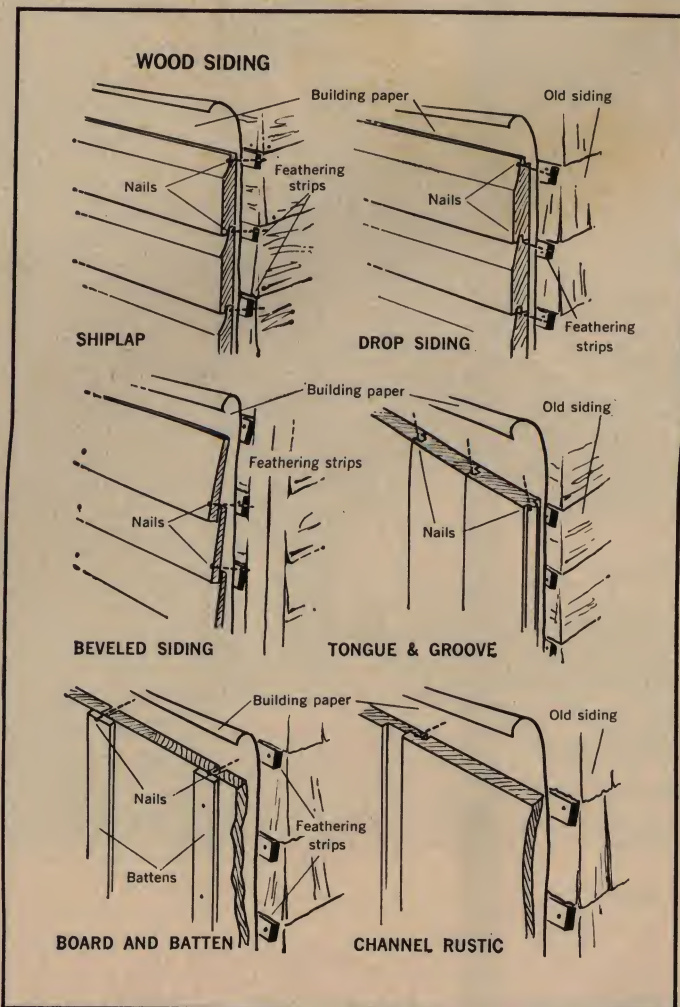
The construction phase of your project is the best time to examine the foundation of your house. Is it strong enough to bear any new load? If you are removing or changing interior walls, this is the time to re-wire your house. This is the time to re-plan your telephone system. The construction phase is the time to install the ultimate in insulation, the penultimate in sound conditioning. Provide for fire safety with portable or built-in equipment.

And last but not least—for it will make your life during construction so much easier—be sure your floors and furnishings are tightly covered with cloths and tarpaulins to keep out dust and debris.

Fact File on Basements	18
Don't ignore building codes	81
Materials make the big difference in the look, in the cost	90



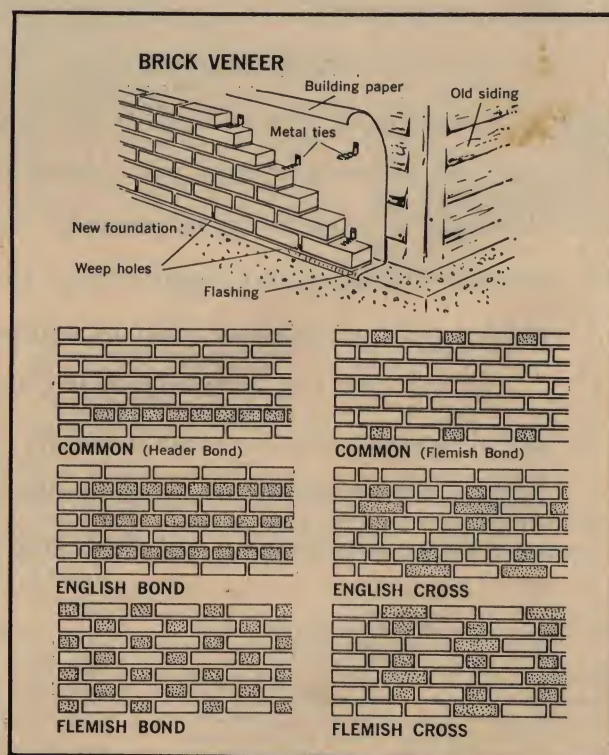
## Materials make the big difference in the look, in the cost



You can find a building material that fits your pocket-book and one that suits your taste. But there is seldom, if ever, only one choice. A material that costs more now may last so much longer that it justifies the extra original cost. The material that looks good now may not age well and make its original appeal an unwise oversight. To find the material that will make a monumental contribution to your modernizing, study the following descriptions with extraordinary care.

Wood siding can be applied over old wood, stucco or brick. If the new wood is seasoned it will give sturdy service for a long time. It can be painted or stained or left to weather naturally. Redwood and cypress weather especially well. Wood siding will accentuate the lines of your house. Vertical siding will seem to lift it; horizontal siding, to extend it. Siding is applied over feathering strips or furring strips and building paper.

Wood shingles and shakes can be applied over all walls except rough stone if the old siding is sound and flat. Over brick, concrete or stucco apply horizontal furring strips secured with masonry nails. The exposed surface of shingles varies from 8 to 12 in. for 16 in. shingles; 9 to 14 in. for 18 in. shingles; 12 to 16 in. for 24 in. shingles. They may be fireproofed and painted or stained, although most people like to have them age and weather. Repairs in shingles are simple.

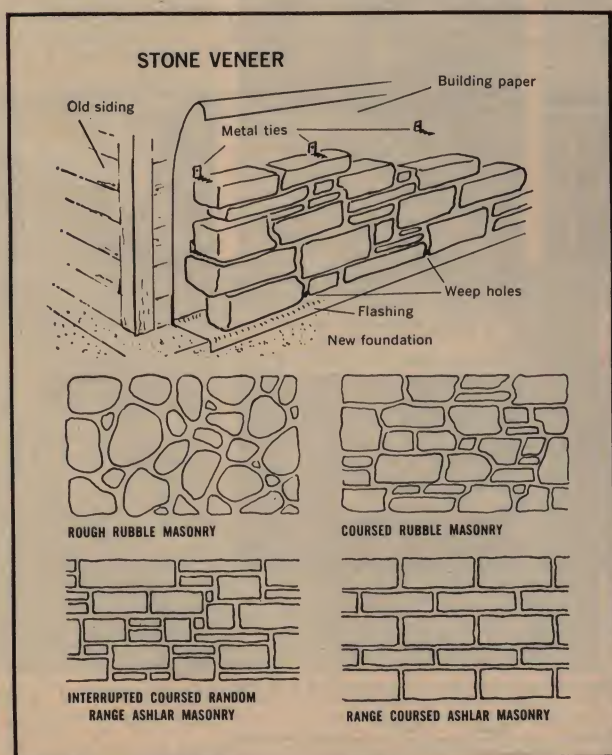




Brick may be used over wood and stucco. It must be supported on a new foundation built against the old one and extending below the frost-line. On a one-story house new brick may be supported on continuous iron angles bolted to the old foundation. Old walls should be covered with building paper before building up new brick. Every 2 sq. ft. of bricks should be anchored to the old wall with metal ties, and bricks over door and window openings should be supported with angle irons. Brick is extremely durable, fireproof, and requires an absolute minimum of maintenance. If you are using brick, study the many varied patterns in which it may be laid. Though strong and durable, a masonry wall should be insulated to prevent heat loss.

**Stone, like brick, may be applied over wood and stucco and is the most durable and fireproof of all building materials. It is virtually maintenance-free; you have only to keep an eye on the mortar joints. Stone may be rough or smooth; take your choice. Cost varies considerably depending on its availability and the labor to lay it.**

Stucco gives an even, textured surface and can be colored integrally to any hue you like. Stucco is durable and fireproof but it is subject to cracking if your house should settle. Old masonry surfaces should be deeply roughened before stucco is applied in three coats for a total thickness of about 1 inch. (Continued on page 94)



## THE SIGN OF AGE YOU CAN'T HIDE!



Even with a radiator cover you still can't hide bulky, old-fashioned radiators. Now's the time to get rid of the old "dust collectors." Invest in comfortable, even warmth, from floor to ceiling, wall to wall, with American-Standard baseboard heating. With these trim panels you can place furniture anywhere, hang draperies to the floor and install wall-to-wall carpeting. Baseboard not only improves appearance, gives a truly modern look, but increases the re-sale value of your home.

AMERICAN-Standard and Standard® are trademarks of American Radiator & Standard Sanitary Corporation



**AMERICAN-Standard**  
PLUMBING AND HEATING DIVISION

FOR FURTHER INFORMATION SEE YOUR AMERICAN-STANDARD RETAILER LISTED IN THE YELLOW PAGES OR MAIL COUPON.

PLEASE PRINT

..... American-Standard  
 ..... Dept. MR-462, 39 West 39th St., New York 18, N. Y.  
 ..... Gentlemen: Please send me information on American-Standard base-  
 ..... board panels for hot water heating.  
 ..... Name.....  
 ..... Street.....  
 ..... City.....  
 ..... County..... State.....





Western Pine  
Association  
*presents...*

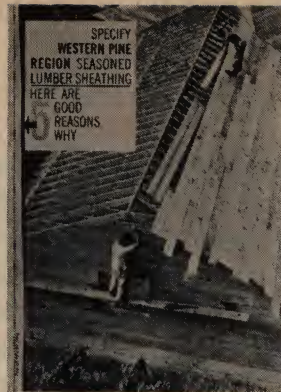
# YOUR FREE SHORT COURSE TO REMODELING SUCCESS

Prepare for home improvements. Send for your choice of FREE details on materials and their uses. Seasoned, quality graded Western Pine Region lumber products are unsurpassed for insuring permanent satisfaction with your home improvement project.

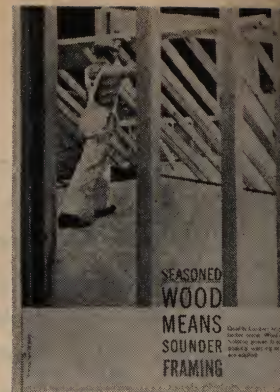
PLEASE SEND FREE BOOKLETS CHECKED HERE



☐ Finish Lumber



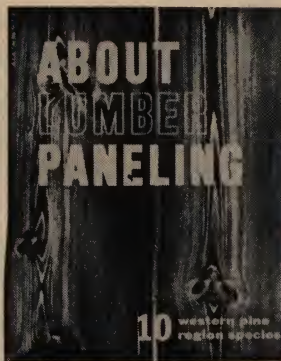
☐ Sheathing Lumber



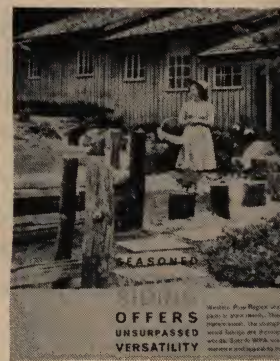
☐ Framing Lumber



☐ Lumber Buying Guide

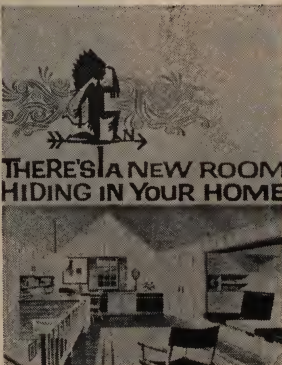


☐ Paneling

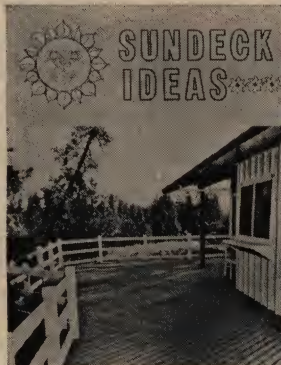


☐ Siding

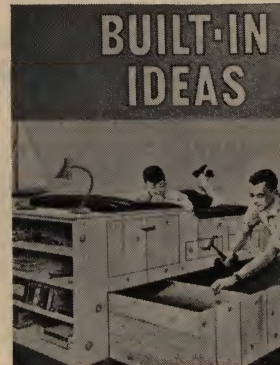
*\*know your materials  
\*and their uses*



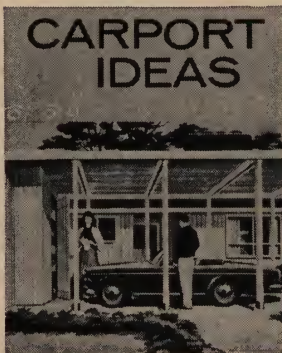
☐ Room Additions



☐ Sundecks



☐ Built-Ins



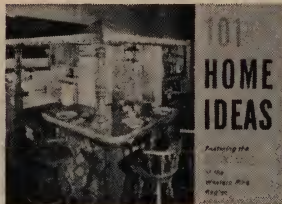
☐ Carports



☐ Fences and Windscreens



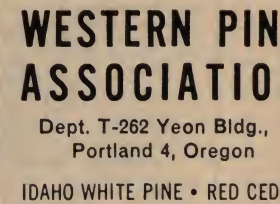
☐ Mouldings



☐ 101 Home Ideas



☐ Color Ideas for paneling



☐ Western Pine Association

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ Zone \_\_\_\_\_ State \_\_\_\_\_

**WESTERN PINE ASSOCIATION**  
Dept. T-262 Yeon Bldg.,  
Portland 4, Oregon

IDAHO WHITE PINE • RED CEDAR  
ENGELMANN SPRUCE • LARCH  
PONDEROSA PINE • SUGAR PINE  
LODGEPOLE PINE • WHITE FIR  
DOUGLAS FIR • INCENSE CEDAR





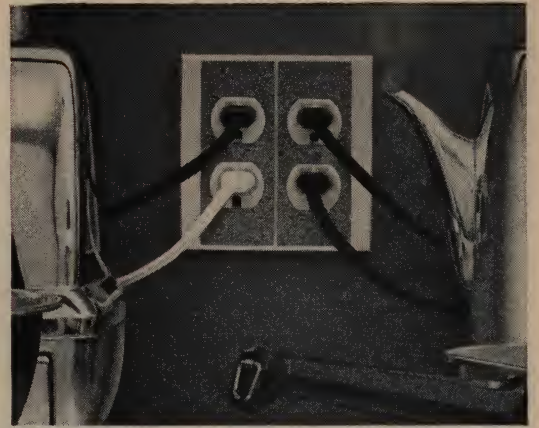
**G-E 4-Plug Outlets** provide twice as many places to plug things in as ordinary outlets.



**G-E Decorator Wall Plates** beautify switches and outlets, "mix" or "match" to suit decor.



**G-E Weatherproof Outlets** bring electricity safely outdoors, for lights, appliances.



**G-E Appliance Center** provides up to 5000 watts of properly-grounded power. Plug in as many as four appliances without blowing a fuse.



# G-E

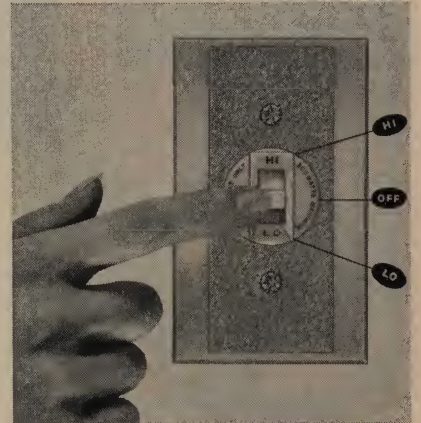
## 66 "Bright Ideas" 99

to brighten up your home...

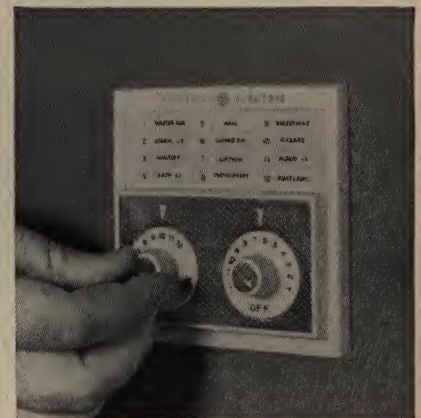
Only General Electric offers such a wide choice of up-to-the-minute wiring devices for the home you live in or the home you're planning to build. For more detailed information on these and other G-E "Bright Ideas," use the handy coupon below.

*Progress Is Our Most Important Product*

**GENERAL  ELECTRIC**



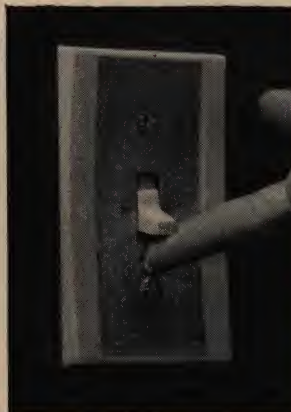
**G-E High/Low Control** turns lights bright, half-bright or OFF, at a touch of the handle.



**G-E Master Selector Switch** gives instant remote-control of lights all through your home.



**G-E Electro Luminescent Nite Lite** glows soft green — 1¢ pays for months of use. Just plug in and forget it — no switch to fuss with — no bulb to replace. 3 outlets for electric cords.



**G-E Silent Mercury Switches** work smoothly; lighted handles available.

General Electric Company  
Wiring Device Department  
Providence 7, R. I.

H-M

Please send detailed information on new General Electric wiring devices, as offered in your "Bright Ideas" advertisement.

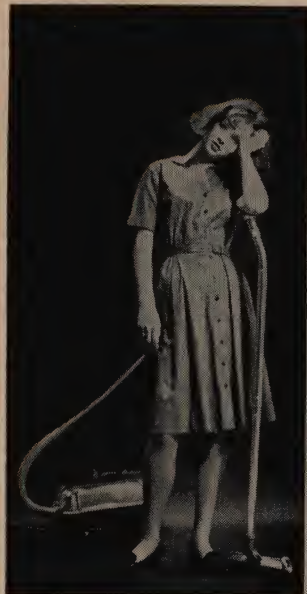
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City .....

State .....





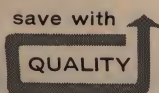
*sentenced to hard labor  
in a steaming house?*



*play it cool with*  
**MUELLER CLIMATROL**  
**WHOLE-HOME**  
**AIR CONDITIONING!**

Change Turkish-bath heat to cool-oasis comfort. You eat better, sleep better, feel better — and add to the value of your home. *But play it cool:* Don't settle for a "price-only" unit when a top-quality Mueller Climatrol model costs so little more. Get estimates both ways and compare...

...then consider all the extra quality you get with Mueller Climatrol. Examples: the Volumaire Blower moves more air across the extra-size coil *whisper*-quietly... reserve-capacity compressor operates with far less wear. Your Mueller Climatrol dealer can explain all of the extra features to you. He can also analyze your cooling needs with professional accuracy, and recommend the exact Mueller Climatrol unit for you. Call him soon. Or write for colorful literature right away.



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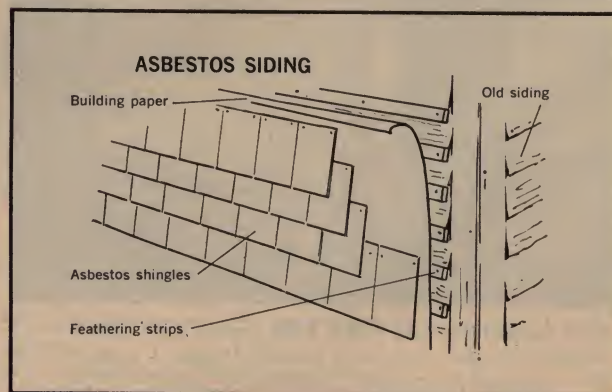
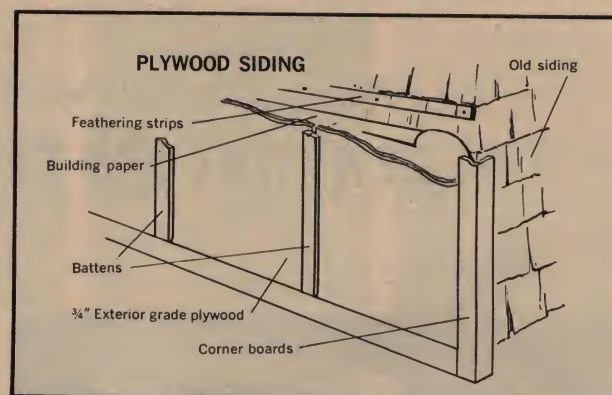
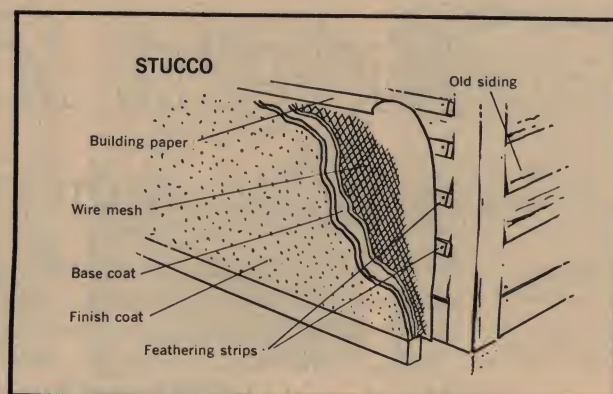
## Materials make the big difference

### in the look, in the cost

*(Continued from page 91)*

Plywood can be applied over all walls. Over an old clapboard wall simply nail the panels directly to the old surface. Over wood shingles you will have to furr out. Nails should be spaced 8 in. apart around the edges of the panels, 16 in. apart through the center. Exterior grade plywood should be specified for outside. A 1/4-in. thickness is sufficient. Joints between the panels should be caulked against the weather. Plywood comes in many textures, grains, and finishes. Plastic-coated plywood takes paint well.

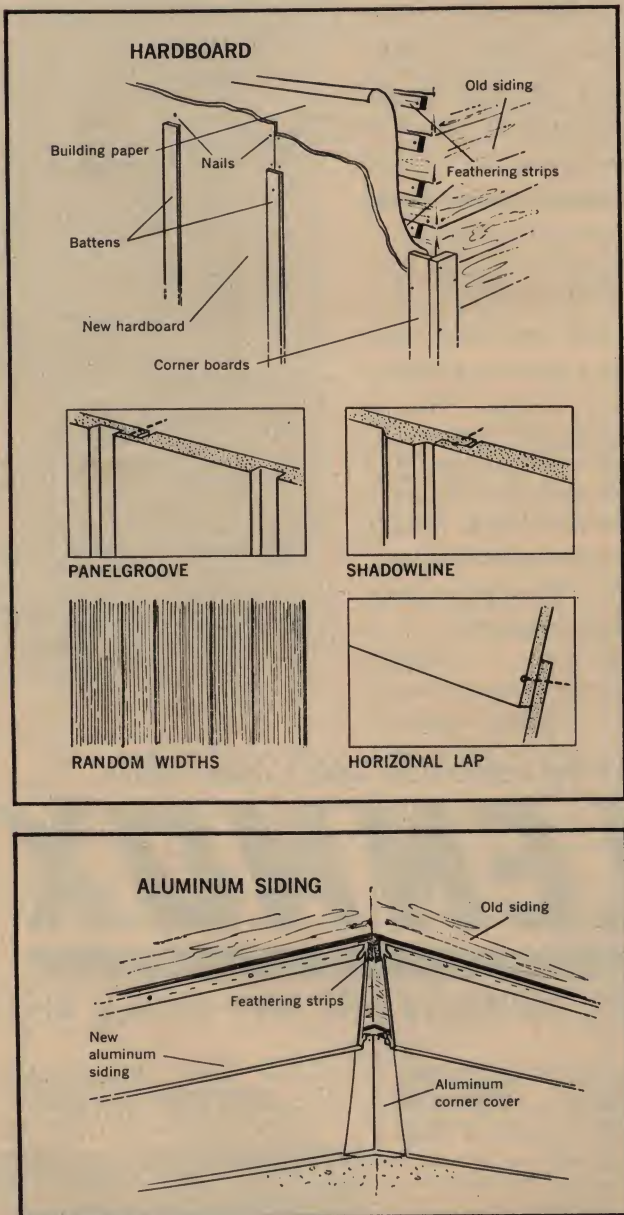
Asbestos-cement shingles can be used over wood and stucco by simply furring out or feathering out a foundation. Prefinished shingles are available in many colors and may be painted. They are very durable, clean easily.





Hardboard is completely without a grain but it is available in a variety of textures. It can resemble clapboard or board and batten. Hardboard is a good material to apply over old wood walls and only simple furring, feathering or wood wedges are required to anchor it well.

Aluminum siding can resemble clapboards, tongue-and-groove siding or board-and-batten in silhouette. Finishes are baked on and may not need to be painted for 8 to 10 years. Insulation may be applied at the factory or applied on the job. There are many qualities of aluminum siding on the market. Some are poor. Be sure you have selected a good one if you use this material. Aluminum siding can be applied over wood, stucco, or brick quite simply.



## GIVE YOUR HEARTH-SIDE A NEW GLOWING CHARM WITH A

# Thermo-Rite enclosure

**Heat Tempered Glass Doors!**  
radiate gentle clean, even heat with no floor draft. Positively eliminates down-draft. Twin doors swing wide on piano hinges for easy loading.

**Beautiful Solid Brass Frame!**  
transforms your fireplace into a showcase. Built for a lifetime of service and enduring beauty.

*Treasured In Fine Homes Everywhere!*

The only tempered glass enclosure that offers a full clear view.

Makes your fireplace safer, protects against sparks, soot, smoke and dirt.

Burn wood, coal or gas -- control fire with sliding draft doors.



Thermo-Rite enclosures fit any style fireplace. 42 standard sizes, plus custom sizes, corners and Swedish islands. Distinctively styled to harmonize with any decorative scheme.

FREE... Full-color Fireplace Decorating Ideas Booklet. Write, giving fireplace dimensions, to Dept. HM-32

**THERMO-RITE Mfg. Co.** Akron 9, Ohio  
Canadian Plant: St. Catharines, Ontario



The strange penalty of having the reputation for making fine heating and air conditioning equipment

# Some people think they can't afford Lennox heating-cooling luxury

*when actually they can save \$500 or more!*

If you are in the market for heating and/or air conditioning equipment for your home, business or church, this information may help you save hundreds of dollars and add greatly to your comfort for years to come.

Some people have the impression that a Lennox heating-cooling unit would be a luxury beyond their budgets! This may be because the Lennox reputation for dependability and quality sounds expensive. But it isn't.

## One place "luxury" is cheapest

You are going to spend far more to operate your heating-cooling unit than to buy it. And unlike other things you buy where luxury features do add to the cost, Lennox' so-called luxury features reduce running costs and increase comfort greatly. They don't add cost; they actually save money.

## There is a big difference in operating expense

Most of us can spot a gas-wasting automobile. But we put a heating-cooling unit in a corner and forget it. If it runs, we assume it is satisfactory. But, it may be costing far too much to operate,

or it may be delivering far less than desirable comfort. There can be a tremendous difference in the operating costs of various heating-cooling units. A unit built to meet a price and "slam-bang" installed can cost as much as 50% more to operate. By comparison, we have seen thousands of Lennox installations where operating economies of 20% or more were experienced over the lifetime of the unit. This can easily add up to savings of \$500 or more in a moderate size home. And in a large home or a big building it can be many times more.

## Lennox installed prices are low

Lennox installed prices are usually as low as any others—but not always. One thing is certain: Your Lennox dealer simply will not "cut corners" if it would result in high operating cost or inadequate performance.

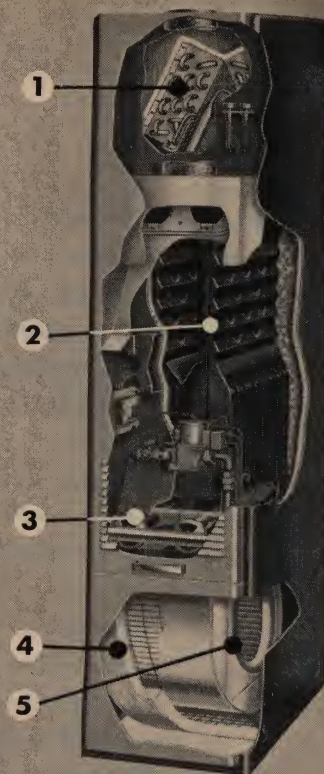
## Heating, cooling—one or both

Keep your sights high. Expect a great deal of your modern air comfort system. Today's Lennox system will do about everything to your air but breathe it for you.

Lennox offers (1) complete heating and air conditioning units; (2) heating units to which air conditioning can be added later at very low cost; (3) furnaces alone; and (4) central air conditioners alone. Gas, oil, electric and heat pumps. All designed to save you money.

## Free booklet

Send for your free copy of the informative full-color booklet on heating and cooling, "It's an important decision." Write LENNOX, 208 S. 12th Ave., Marshalltown, Iowa. Or call your local Lennox dealer—listed in the Yellow Pages under "Air Conditioning" and/or "Furnaces."



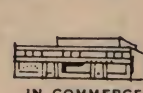
## Only Lennox gives you all these built-in economy features

- 1 Economy of adding cooling**  
Central air conditioning is easy and economical to add to Lennox heating systems... either when the heating is installed or at a later date.
- 2 Economy of rugged construction**  
No skimping anywhere! Heavy gauge, welded heat exchanger is designed to last many years longer than ordinary furnaces.
- 3 Economy of steady temperature**  
There's no "thermostat bounce"... no overheating to waste fuel... and the short, frequent burner cycle saves money, too, as well as increasing comfort.
- 4 Freshened air economy**  
Exclusive "Wrap-Around" air filter removes dust and dirt particles from the air you breathe... keeps your home and furnishings cleaner.
- 5 Economy of Hush-tone Blower**  
Gently moves treated air... constantly blends and mixes room air to prevent stratification, excessive waste of heating and cooling capacity.

Don't be satisfied with less than

# LENNOX

HEATS, COOLS, TREATS AND MOVES AIR



LENNOX Industries Inc., Est. 1895—Marshalltown, Ia.; Columbus, Ohio; Syracuse, N.Y.; Decatur, Georgia; Fort Worth, Texas; Salt Lake City, Utah; Los Angeles, California.  
LENNOX Industries (Canada) Ltd.—Toronto, Montreal, Calgary, Vancouver, Winnipeg



# STOP LEAKS AND WATER DAMAGE!!!

waterproof masonry with  
**THE THORO SYSTEM**



**CEMENT-BASE** compounds solve toughest problems.



**WATERPLUG** stops even high-pressure leaks—instantly.



**THOROSEAL** permanently locks out damp, moisture, seepage.

Waterproofing with The Thoro System becomes part of the wall you put it on—and lasts just as long. Both leak-sealing Waterplug and pore-sealing Thoroseal have cement-base formulas—bond compatibly with every type of masonry and concrete.

No more worries about leaks... wet basements... water damaged masonry above grade or below! Keep unwanted water out. Rely on The Thoro System—use-tested for half a century.

• Warning: never paint masonry. Walls can't "breathe" through paint film; moisture builds up behind it and causes flaking, peeling, blistering. Write for booklet 37A on the right way to waterproof with The Thoro System.

**STANDARD DRY WALL  
PRODUCTS, INC.**

DEPT. HG-1 NEW EAGLE, PENNA.

**DON'T PAINT MASONRY**

**Our readers  
tell us . . .**

## Goodbye "Modern Disturbia"

"We are in the process of buying an older home in a small-town community . . . just what we want, with lots of larger old homes. We know that this is the type home we want as we have been living in modern suburbia for 9 yrs. and want out as soon as possible.

We are living in a lovely ranch type home, 4 bedrooms, (all) built-in kitchen—so you know when we talk about moving into an older home and fixing it up, we are willing to make many sacrifices . . .

But we feel, for the betterment of our children and for our own peace of mind, we want to do this and get out of 'Modern Disturbia,' as my husband calls it."

*Mrs. J. M. S., Michigan*

## Look before you leap

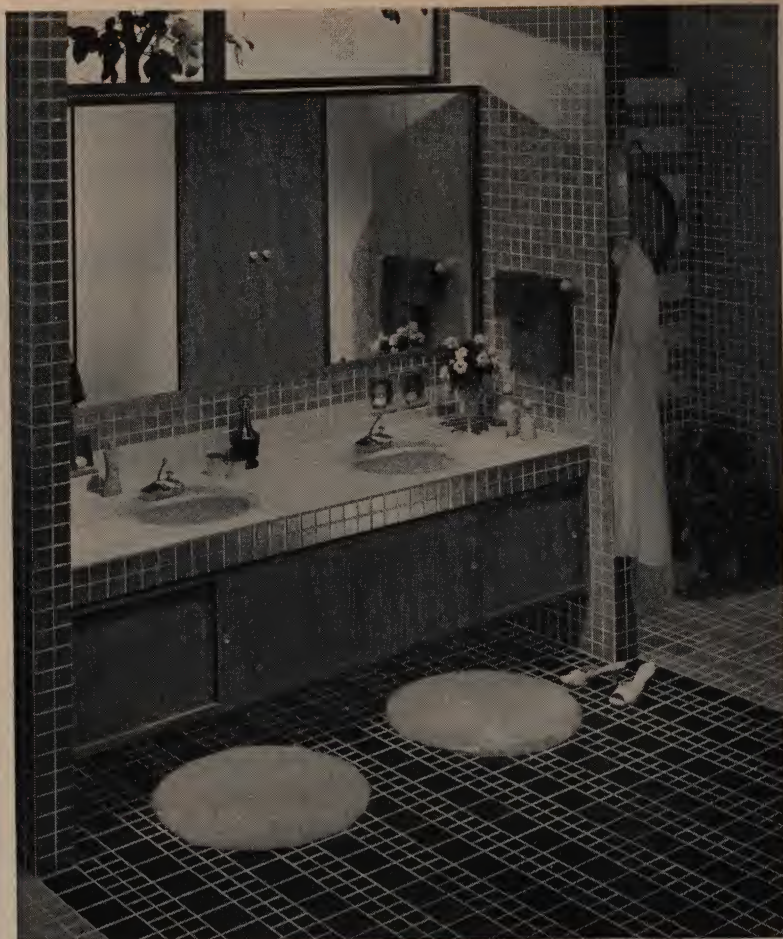
"The 17th issue was our introduction to 'Home Modernizing Guide.' We didn't know of it before, much to our regret.

Have you ever published an article warning prospective buyers of old, old, unrestored houses of the many pitfalls? I'm not speaking of the obvious ones of plumbing, sills, termites. It's the surprises . . . little furred and feathered tenants . . . wide floor boards, wider cracks where mail and change disappear, dust accumulates, and on and on.

Do perform this public service. We'll be looking forward to the next issue of this newly found 'bible' and hoping for more on restoring these Colonial temptresses."

*Mrs. H. S. E., Massachusetts*

• Modernizing plans for a 1760 Colonial house were presented in detail in issue No. 18—Ed.



# FRESH, NEW DECORATING IDEAS



Send just 10c with this coupon for your copy

New 16-page booklet of color photos, showing how top designers use work-saving ceramic tile in fresh new decorative treatments for bathrooms, powder rooms, other rooms. Helpful tips on accessorizing, practical decorating ideas you can adapt to your own plans to add permanent beauty, extra value to your home.

CERAMIC TILE  
**American  
Olean**

American Olean Tile Company

1648 Cannon Avenue, Lansdale, Pennsylvania

I'm enclosing 10c. Please send me your new booklet "COLOR PLANNING with CERAMIC TILE."

Name \_\_\_\_\_ (please print)

Address \_\_\_\_\_

City \_\_\_\_\_ Zone \_\_\_\_\_ State \_\_\_\_\_





This new 1962 General Electric built-in dishwasher  
**holds more dishes, washes cleaner**  
 than any other dishwasher...including people

General Electric's exclusive combination—3-Way Dishwashing Action and Flushaway Drain—does a complete job on your dishes. Power Shower washes down, Power Tower washes up, and Power Arm washes all around . . . your dirty glasses, dishes and silver come out sparkling clean. And with Flushaway Drain, you never have to scrape or hand-rinse. (Just shake off large or hard food scraps. The rest is liquefied and pumped away.)

See the new General Electric Dishwasher Model SD402 (or the other drop-door, built-in models) in beautiful decorator colors. Your General Electric dealer is waiting for you.

By any measure...

There is nothing "just as good as" General Electric



This new drop-door dishwasher is easy-loading. Holds place settings for 16\* people. (Or stores all the dishes for a family of four for the whole day. Wash them all at once.)

\*National Electrical Manufacturers' Association Standards.



General Electric's 3-Way Washing Action...the water swirls up, down and around, giving your dishes a thorough washing. Only this new dishwasher washes this clean.

*Progress Is Our Most Important Product*

**GENERAL  ELECTRIC**



## What makes a house run?

Wiring, plumbing, and heating are the basic equipment that makes your house run. And no matter how efficient they may have been for an older structure, they're going to be taxed far more by today's new kitchen, new or added bathrooms, laundry, or increased living space. Will they be equal to it?

Take wiring. Most older houses were wired for less than 100 amperes. New electrical appliances, more lights, a furnace triggered electrically will call for more current. The time to prepare for the heavier load, even if all installations won't be made at once, is when the area is torn up. It won't cost nearly so much as a some-day repeat job.

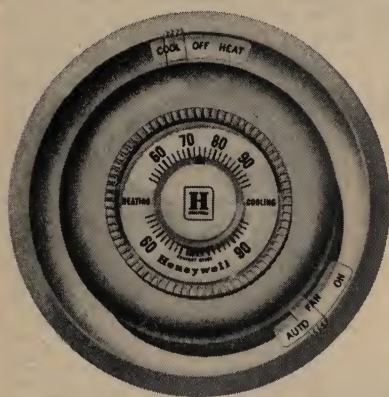
For plumbing, too, you'll profit by foresight. When you renew the kitchen, an enlarged refrigerator, a dishwasher, may come later. And you may be planning still another bath. All well and good — but put in the plumbing while walls are open.

That major piece of equipment, the furnace, may be able to cope with added areas. A heating contractor can give you the necessary BTU's (heating requirements) and make recommendations. Sometimes individual wall panels work well for new areas. If the furnace must be replaced, think about air conditioning also and the advisability of choosing a hot air system with ductwork the conditioner can share. Here again, as with heating, individual room units may be more practical for an older house.

Modern heating systems and how they function	100
Consider cooling when you plan your heating	101
10-point check list for a smooth-running laundry	102
A basic recipe for kitchen storage	104
How to make bathrooms both handsome and handy	106
Space-conscious bathroom	108
See what's new before you remodel your wiring	120



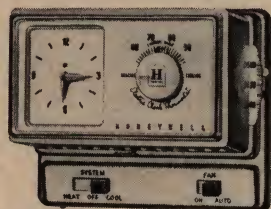
# THIS BEAUTY HAS BRAINS



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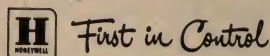
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## MODERNIZING EQUIPMENT

### Modern heating systems and how they function

It's easier to understand heating when you know these basic points: Heat is a positive factor and cold a negative factor. People feel warm in your home when the negative cold of the air, walls, and objects around doesn't subtract from the positive heat of their bodies.

Your house may be heated by convection (warm air), radiation (hot water), or a combination of both. In convection heat, air is heated in a furnace and transferred to the room. The principle of radiant heating is that of the sun whereby heat is radiated from a source (radiator, wall, etc.) to the people and objects in the room without necessarily warming the air.

You may want a new furnace; but most furnaces, even coal, are oversized and can heat more rooms, especially if insulation is added to the house. Simply extend the pipes or ducts and re-balance the system.

Fundamentally, the two heating systems you have to choose from are *hot water* and *forced warm air*. Each has many variations and innovations and can be *fired* with gas, oil or electricity.

The fuel you use will depend largely on what is available in your area and how much heat you actually need. Check operating costs with

your heating contractor, utility company, and your neighbors to see which fuel will be most economical.

Hot water systems are very effective and particularly suited to older homes with little or no insulation. The radiators shed heat directly to the room and also heat air passing over the metal fins. Household hot water and snow-melting equipment can use the same boiler, too.

Forced warm air systems circulate warm air through registers in the floor or wall to provide continuous air movement. This air can be filtered, humidified, de-humidified, cleaned, and freshened automatically. New insulated, flexible 3" tubing can replace old-style metal ducts. Air conditioning can be incorporated easily IF it is considered when the ducts are installed.

An electrically fired system costs least to install because it needs no pipes, ducts, etc. Cost per unit of heat usually runs higher, however; but it can be very economical for areas of low heat requirements.

Oil-fired systems require a storage tank and in some codes, a chimney. Usually where oil is available it is the most inexpensive fuel, but it costs a bit more to install because of the fuel tank and chimney. ■



## Consider cooling when you plan your heating

Chances are that if you're installing a new heating system in your home you will also install air conditioning at the same time. The new combined systems are so reasonably priced and so simple to install that if you don't include summer cooling now you should make provision for it to be added later.

For the average three- to four-bedroom house, heating equipment will cost about \$900. Heating and central air conditioning will cost about \$1,400 installed.

Your air conditioning should do more than just remove the heat from the air. It should also de-humidify, clean, and freshen the air before returning it to the room.

If you are not going to replace your heating system, you can air condition your home with unit air conditioners. These work very well, are inexpensive to install and operate . . . and also allow you to have "individual room control." It is least expensive to install a unit in a window, but if you don't want to block your view you can have the unit installed in an outside wall. In a typical frame house, labor and materials for the installation of a unit air conditioner in an outside wall will cost about \$35.

There are other things to consider besides the equipment: the insulation (important to both heating and cooling); protection of the windows; the location of the ducts; and even the color of the roof and side walls.

White walls and roof will reflect enough of the sun's rays to reduce the load on your air conditioning equipment. Trees that shade the house will help, too. Good insulation will contribute as much to the success of your air conditioning as properly installed equipment.

## 3 easy DO-IT-YOURSELF IDEAS!

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### M-D STANDARDS AND BRACKETS

For any room. Adjustable brackets hook into slotted holes in standards. Makes it easy for you to raise, lower or add shelves at any time.

M-D Aluminum Standards and Brackets come in beautiful anodized finishes of Satin, Albras and Alblack. Never rust or tarnish. Also available in nickel plated or baked enamel steel. Brackets come in sizes for 6, 8, 10 and 12-in. shelves. Easy to install.

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## 10-Point check list for a smooth-running laundry

Quality appliances are the heart of a good laundry but, as you know, other things enter into efficient functioning. A review of these factors will brief you on what to look for so you'll avoid the pitfalls and plan a successful laundry operation.

**1** Convenient placement comes first. Consider several spots: a closed-in porch, a pantry, sewing room, tiny bedroom or basement.

**2** The minimum laundry takes four electric outlets; each costs \$6 to \$15 to install. A washer costs \$35, a dryer \$25 to install.

**3** Adequate electrical service is vital: 230-volt for individual units or a combo if electricity is used for

drying; 115-volt and a gas line if dryer is gas-fueled.

**4** Of course electrical considerations include lighting. Ceiling fixtures should be installed over sink, tub, washer and dryer, placed 12" to 15" from the wall. Put another



Basin-top electric washer, with hot and cold water faucets, and a work-top dryer create a compact laundry in 54" of floor space.

In-Sink-Erator  
gave birth  
to the idea  
of garbage-free  
living in 1927!

"darling—  
you're much too nice  
to be a garbage collector!"



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Please send me free illustrated literature and  
name of nearest In-Sink-Erator dealer.

Name

Address

City  Zone  State

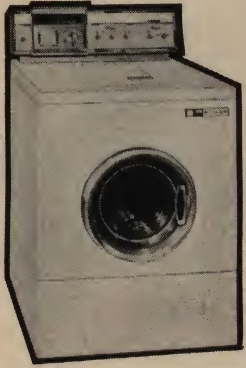
**1927**—the year this garbage disposer was invented by John W. Hammes, founder of In-Sink-Erator. His first model (above), which sat on a drain board, was based on the idea of grinding food waste and flushing it down the kitchen drain. While Mr. Hammes' invention looks crude by today's standards, it was the forerunner to patents which started an industry that has brought a new kind of better living to millions!

**1962**—the In-Sink-Erator disposer makes garbage free living a reality! It's the only disposer with a patented reversing action switch that helps prevent jams and doubles the life of the shredders. In-Sink-Erator's quality is proved by thousands in continuous use 8, 12 and 14 years *without service*. As the originator and the largest manufacturer devoted exclusively to disposers, you can depend on In-Sink-Erator to bring you the finest.



over the ironing board, 18" to 24" from the wall. It should have an incandescent reflector.

**5** A larger water heater may be necessary with new demands. Perhaps a water softener is desirable. And a dryer usually needs venting.



In less than an hour this washer-dryer can complete an average load. Only 26¾" wide, it has electric or gas dryer, many features.

**6** You'll want hard-surface flooring of some type. Asphalt tile and vinyl asbestos are good for a dry basement on slab or concrete. If there's moisture, lay a marine plywood sub-floor over the concrete and under the floor covering.

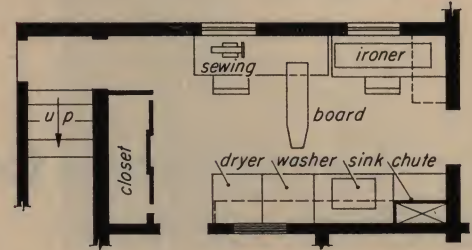
**7** Walls can be covered with washable paper or plastic wall covering. As a rule, it's wise to use washable paint on the wall surface just above the washer and dryer.

**8** Attractive shades backed with plastic, or venetian blinds are suitable for laundry windows.

**9** Storage cabinets for soiled clothes and supplies belong in a well-run laundry. And there must

be adequate counter space for preparation, sprinkling, and folding.

**10** In the A-No. 1 laundry, units are lined up for easy progression from preparation counter to sink to washer and dryer, with an ironing board handy.



Complete basement laundry in Szaloki home, page 58, has everything from clothes chute to sewing machine in a 16'6" by 9' area.

FOR PRODUCT SOURCES SEE  
READER'S GUIDE (Page 122)



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## A basic recipe for kitchen storage

Ahead-of-time thought and the right ingredients are as essential to good kitchen storage as they are to a good meal. To be sure of having "a place for everything" in your new or remodeled kitchen, start with an inventory of items, take their measurements, and then plan cabinets, shelves, closets, and racks arranged for your convenience.

Where possible, you'll find it's best to group things by usage. For instance, flour, sugar, baking powder, sifter, mixer, pie and cake tins should be stored in the same area.

Other utensils belong where first used; the skillet, near the range; the saucepan that's first filled with water, at the sink. And place heavy objects where they'll require a minimum of lifting and heaving about when you're working with them.

Remember, too, that foods (the unrefrigerated kinds) take an even temperature. Fresh fruits and vegetables need adequate ventilation. And non-humid conditions are necessary for such things as cereals and breads.

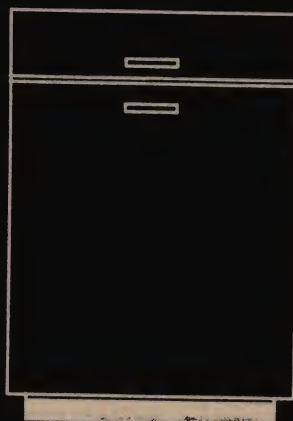
When you get around to the actual storage equipment, the first decision is whether it's to be standard or custom-made. Some people prefer the latter because it can be designed to suit their individual kitchens. Others like ready-mades they can see "in the flesh" when they shop. This standard wood or metal cabinetry now comes in so many types it can be adapted to most requirements.



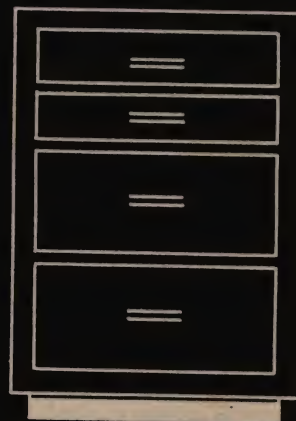
Wall-hung unit, approximate sizes: 12½" deep; 18" or 24" or 30" high; in 3" modules, 24" to 84".



Shorter standard wall unit, approximate sizes: 12½" deep; 12" or 15" high; 33" or 36" in width.



Door-type base unit, approximately: 23" or 25" deep; 34½" high; in 3" modules, 12"-84" wide.



Base unit, available in same sizes as door type, with a variety of drawers for many purposes.





WILBUR PIPPIN

Curtained shelves, *left and above*, make a good example of individualized storage as designed for the James Perkins home, East Hampton, L. I. Recessed cupboards are backed with perforated plywood. Other storage keeps most-used items at hand—even under worktable, above—those of occasional use, *left*, over stove.

Different, but just as efficient and attractive, are custom-built storage facilities, *below*, in kitchen of the house remodeled by interior designer Edward Perrault for his home in Houston, Texas.

Space-saving sliding doors are a characteristic of all cabinets here, from electric range base to wall pantry, *below right*. Note "tip-out" containers at bottom. *Below left*, you see neat laundry cabinet, open and closed.

CLARENCE JOHN LAUGHLIN



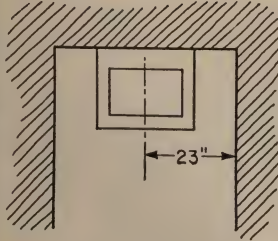
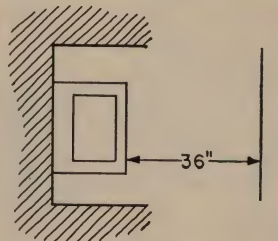
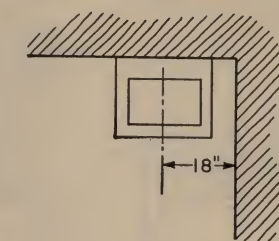
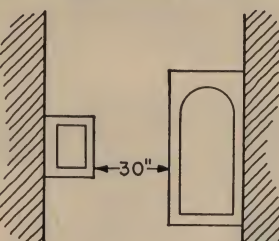
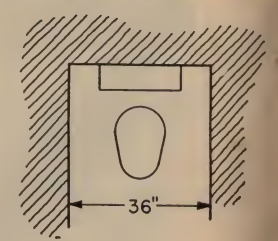




GEORGE E. PETERSON

## How to make

The angle of wood cabinets, repeated in the luminous ceiling panel, establishes the unusual design of this well-planned bathroom with ample space for two.

 <p>Space for grooming another or cleaning floor. 40" stall enough for shaving.</p>	 <p>Necessary clearance in front of lavatory for cleaning on hands and knees.</p>	 <p>Distance between lavatory and wall satisfactory for personal grooming only.</p>	 <p>Area from basin to tub allows cleaning and traffic, except for the plump.</p>	 <p>Required width of toilet stall for personal use, helping tots, or cleaning.</p>
--	--	---	--	--



## bathrooms both handsome and handy

Assembling a handsome bathroom is relatively easy with all of today's attractive possibilities. To make it *handy* as well takes a little more doing. That requires appraisal of your family's habits and careful measuring of both space and equipment to assure the most convenient positioning.

The measurements indicated on the diagram below were determined through tests carried on by Merna M. Monroe, Associate Home Economist at the University of Maine. The findings showed that too many bathrooms are planned to take care of just one person at a time, with no allowance made even for handy cleaning.

In planning your bathroom, get off to the right start by considering whether two will be brushing their teeth side by side, whether you or someone else may be helping an older person or a youngster beside any of the equipment. Then measure all areas in question if the room already exists, or chart them on paper, using the figures given as a guide.

Your measurements may vary from the standards because of the sizes and individual habits of members of your family. But keep in mind that it works out better where possible to allow for more than minimum clearance to be sure of complete comfort through long years of use. Primed with all these facts, you're ready to shop for your handsome bathroom.



ROGER STURTEVANT

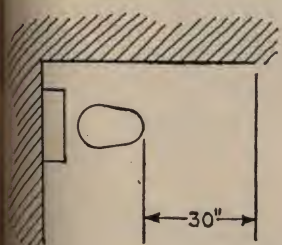
One predominant color gives this remodeled bathroom a larger effect. And plenty of room between lavatory and shower permits convenient cleaning.



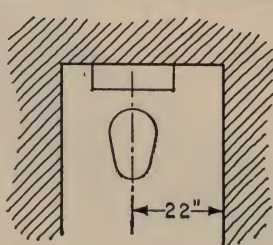
GEORGE E. PETERSON

This marble-counter lavatory is part of an extra bathroom tucked into a former clothes closet. Though tiny, it has elbow room for personal chores.

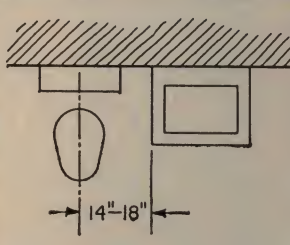
FOR  
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(Page 122)



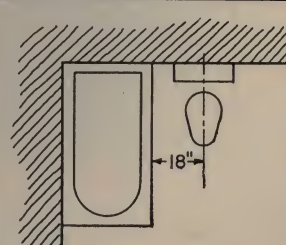
Adequate clearance between toilet and opposite wall for cleaning the floor.



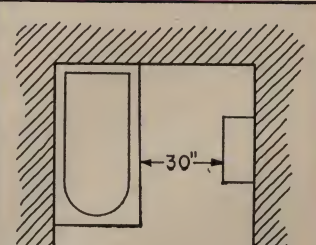
Proper stall width needed to support the elderly or invalid beside the toilet.



Between toilet and basin, 14" space ample for personal use, 18" for assisting.



Distance needed between tub and toilet for comfortable kneeling to clean tub.

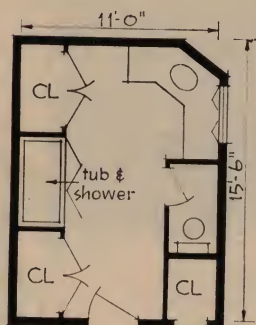


Clearance required between tub and wall cabinet to prepare child for bath.



## Space-conscious bathroom

— a charming  
'American farmhouse'  
scheme includes  
plenty of storage for  
towels and supplies



Old-fashioned personality was created for this bathroom by designer William Howard. Knotty pine doors contribute authentic flavor and also conceal the tub and closets to give more of a dressing room effect. The 11' x 15'6" room, left, was reorganized to hold the necessary units, yet leave plenty of space.



Drawers and cupboards under the basin counters make out-of-the-way storage for bathroom supplies. The Early American theme is further developed by Provincial wallpaper, travertine marble counters, and wood shutters; also by white porcelain knobs, milk glass light fixtures, and a coat-tree towel rack.



## Wall-to-wall comfort in every room with Chromalox Electric Baseboard Heating

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**BIRD WIND SEALS NEVER BUDGED** (right) despite the fury of the wind, but ordinary shingles (left) ripped loose. That's why Bird Wind Seal Shingles meet the Underwriters' Laboratory tests for wind resistance and bear the U.L. Wind Resistant label.



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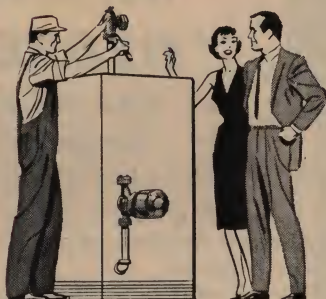
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**3** Finally, the B&G Water Heater. From this unit comes an ever-ready supply of low-cost hot water every month of the year—all you can use for the kitchen, laundry and bath.



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See your heating contractor for full information on converting your present system to B&G Hydro-Flo Heating.



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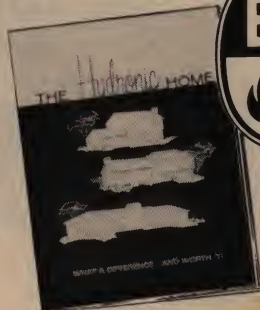
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No opening windows—the Hydro-Flo System adjusts the heat to the weather.



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MORTON GROVE, ILLINOIS

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Bell & Gossett Company, Dept. HA-57, Morton Grove, Illinois  
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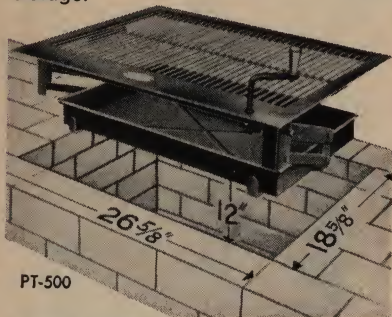
Zone \_\_\_\_\_

State \_\_\_\_\_



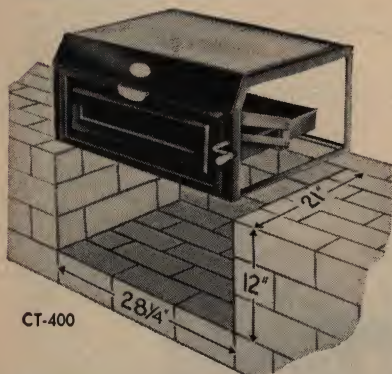
# Feastmaster BARBECUES

Complete barbecue units ready for easy installation. Handsomely styled of sturdy steel construction. Simple to operate. Easily removed for cleaning or storage.



PT-500

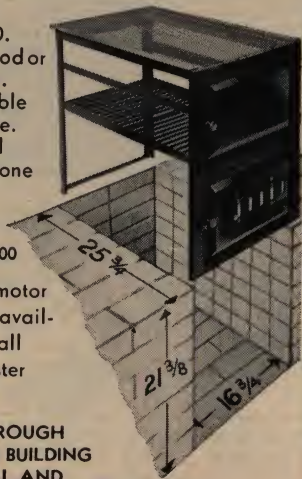
Model PT-500 (pit type) and Model CT-400 (cabinet style) for kitchen, patio or outdoor use. Crank raises or lowers fire, grill remains stationary. Charcoal or copper hammertone finish.



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Model OD-300. Burns wood or charcoal. Adjustable fuel grate. Charcoal hammertone finish.



OD-300

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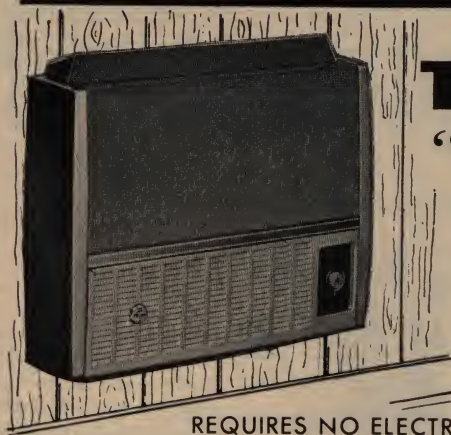
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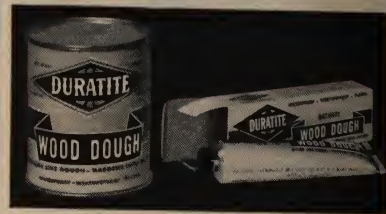
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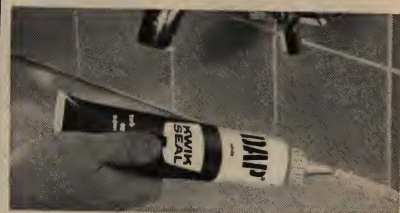
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## Reader's Guide to product sources

(Continued from page 122)

**"If Your House Is Small, Have a Big Kitchen-Diner,"** Page 76—range, refrigerator and dishwasher—GENERAL ELECTRIC CO., MAJOR APPLIANCE DIV., Appliance Park, Louisville 1, Ky.; floor covering: ARMSTRONG CORK CO., Lancaster, Pa.; dinette table and chairs: THE HOWELL CO., St. Charles, Ill.; lighting fixtures: PROGRESS MANUFACTURING CO., INC., Castor Ave. and Tulip St., Philadelphia, Pa.; window shades: "CANDY STRIPE", BRENNEMAN-HARTSHORN, INC., 1133 Sycamore St., Cincinnati 10, Ohio.

**"10-Point Check List for a Smooth-Running Laundry,"** Page 102—washer and dryer: GENERAL ELECTRIC CO., MAJOR APPLIANCE DIV., Appliance Park, Louisville 1, Ky.; Page 103—washer-dryer: PHILCO CORP., Tioga & C Sts., Philadelphia 34, Pa.

**"A Basic Recipe for Kitchen Storage,"** Page 105, top left—gas range: GEORGE D. ROPER CORP., 340 Blackhawk Park Ave., Rockford, Ill.; bottom—refrigerator and freezer: REVCO, INC., Deerfield, Mich.; oven and

range top: THERMADOR ELECTRICAL MFG. CO., 5119 District Blvd., Los Angeles 22, Calif. washer and dryer: WESTINGHOUSE ELECTRIC CORP., ELECTRIC APPLIANCE DIV., 246 East 4th St., Mansfield, Ohio; counter tops: FORMICA CORP., 4614 Spring Grove Ave., Cincinnati 32, Ohio.

**"How to Make Bathrooms Both Handsome and Handy,"** Page 106—plumbing fixtures: CRANE CO., 836 S. Michigan Ave., Chicago 5, Ill.; ceramic tile: MOSAIC TILE CO., Zanesville, Ohio; Page 107, lower—marble-counter: MARBLE INSTITUTE OF AMERICA, INC., 32 South Fifth Ave., Mount Vernon, N. Y.

**"See What's New Before You Remodel Your Wiring,"** Page 120—touch switch: BRYANT ELECTRIC CO., 1421 State St., Bridgeport 2, Conn.; Page 121—appliance center and dimmer switch: GENERAL ELECTRIC CO., WIRING DEVICES DEPT., 95 Hathaway St., Providence 7, R. I.; adapter and extension cone: HARVEY HUBBELL, INC., Bridgeport 2, Conn.

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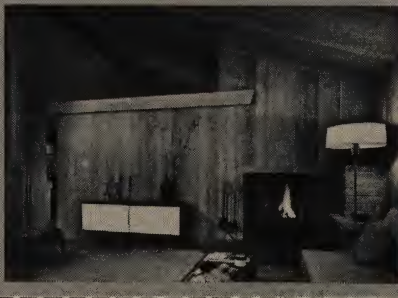


Architect: Van Evera Bailey, Oswego, Wis. Cabot's Bleaching Oil on siding.

## OUTSIDE

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- less than 1/2 the cost of paint
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- easy to brush or spray
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- 35 distinctive colors



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## INDEX TO ADVERTISERS

Abitibi Corp. ....	8	Hunter Division,	
American Olean Tile Co. ....	97	Robbins & Myers, Inc. ....	127
American-Standard ....	3, 40, 91	Ideal Co. ....	33
American-St. Gobain Corp. ....	77	In-Sink-Erator Mfg. Co. ....	102
Amerock Corp. ....	79	International Mill & Timber Co. ....	49
Andersen Corp. ....	111	Jenn-Aire Products Co. ....	115
Armstrong Cork Co.		Kentile, Inc. ....	4th Cover
Floor Division. ....	2nd Cover, 1	KitchenAid by Hobart. ....	51
Athens Stove Works, Inc. ....	46	Kohler Co. ....	36, 37
Azrock Floor Prod. Division,		Knappe & Vogt. ....	44, 45
Uvalde Rock Asphalt Co. ....	30	Lau Blower Co. ....	12
Barclite Corp. of America. ....	34	Lennox Industries, Inc. ....	96
Bastian-Morley Co. ....	50	Logan Co. ....	103
Bell & Gossett Co. ....	113	Macklanburg-Duncan Co. ....	101
Bilco Co. ....	122	Masonite Corp. ....	2
Bird & Son. ....	109	Mueller Climatrol,	
Cabot, Inc. ....	116	Div. of Worthington Corp. ....	94
Carrier Corp. ....	38	Mustee, E. L. & Sons, Inc. ....	121
Case Manufacturing,		Myers, F. E. & Bro., Co. ....	118
Division of Ogden Corp. ....	125	National Electrical	
Condon-King ....	125	Contractors Assn. ....	52
Congoleum-Nairn, Inc. ....	6	National Gypsum Co. ....	4, 5
Consoweld Corp. ....	32	New Castle Products Co. ....	42, 43
Crane Co. ....	28	O'Brien Corp., The. ....	110
Crawford Garage Doors. ....	116	Pass & Seymour, Inc. ....	48
Curtis Companies, Inc. ....	78	Progress Mfg. Co., Inc. ....	127
Dap, Inc. ....	114	R-O-W Window Sales Co. ....	126
Delco Appliance Division,		Rangaire, Roberts Mfg. Co. ....	49
General Motors Corp. ....	86	Research Products Corp. ....	120
De Walt, Inc. ....	117	Revco, Inc. ....	115
Filon Plastics Corp. ....	83	Rez-Wood Tones, Inc. ....	112
Flintkote Co., The. ....	29	Robbins Floor Products, Inc. ....	85
Formica Corp. ....	3rd Cover	Rolscreen Co. ....	120, 121, 125
Frigidaire Division,		Standard Dry Wall Products, Inc. 97	
General Motors Corp. ....	13, 14, 15, 16	Stylon Corp. ....	119
Garlinghouse, L. F., Co., Inc. ....	114	Superior Fireplace Co. ....	114
General Electric Co.,		Swedish Crucible Steel Co. ....	82
Air Conditioning Dept. ....	47	Temco, Inc. ....	114
General Electric Co.,		Thermador Electric Mfg. Co. ....	10, 11
Range Dept. ....	80	Thermo-Rite Mfg. Co. ....	95
General Electric Co.,		United States Plywood Corp. ....	87
Dishwasher Dept. ....	98	Western Pine Association. ....	31, 92
General Electric Co.,		Wiegand, Edwin L., Co. ....	108
Textolite Dept. ....	81	Yale & Towne Mfg. Co. ....	7
General Electric Co.,		Youngstown Kitchens Div.,	
Wiring Device Dept. ....	93	Mullins Mfg., Corp. ....	35
Hall-Mack Co. ....	50		
Hines Lumber Co. ....	88		
Honeywell. ....	41, 84, 100		



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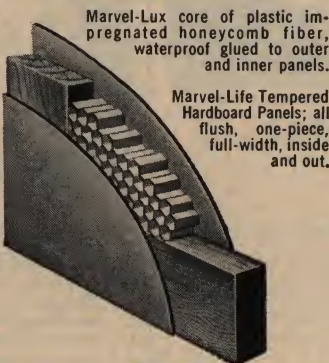
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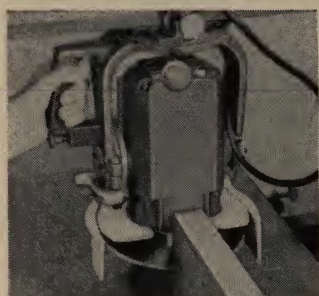


*Delco-matic* GARAGE DOOR OPERATORS

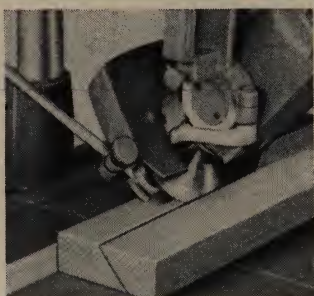


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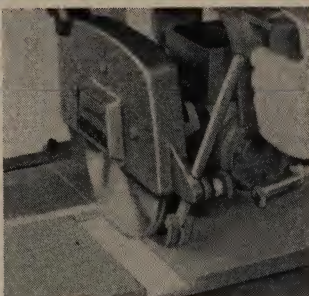
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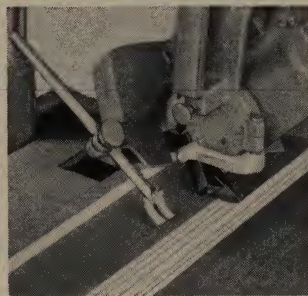
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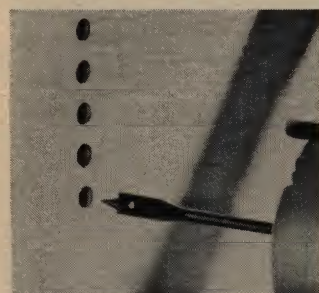
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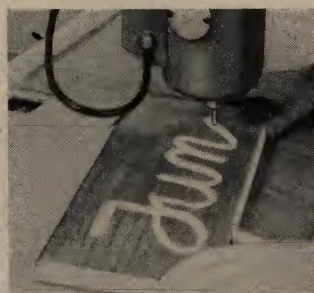
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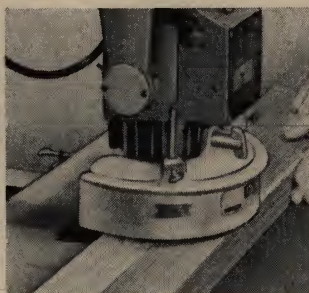
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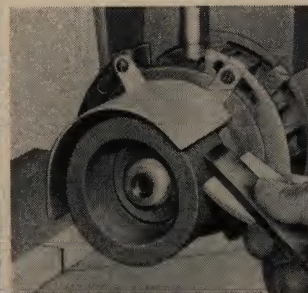
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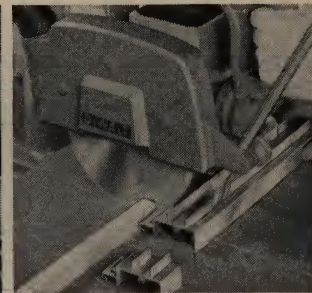
It's a **ROUTER**. You lock motor tool in fixed position when using pattern template—or move it to follow layout marks.



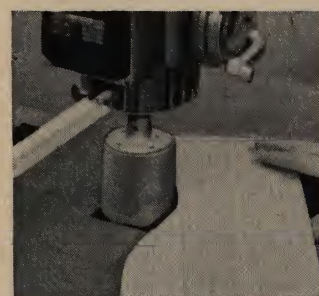
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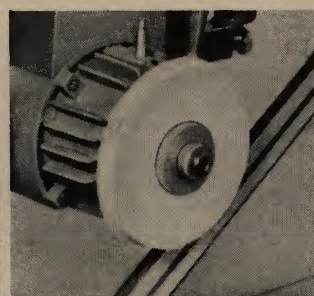
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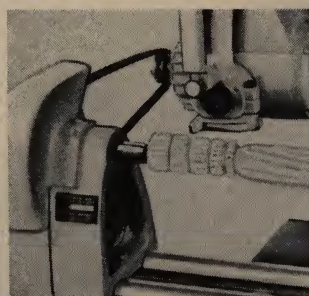
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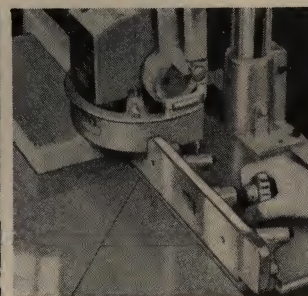
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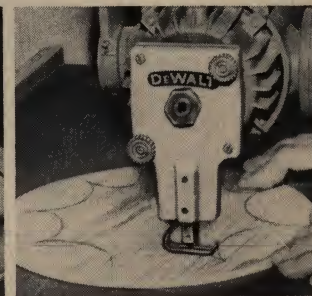
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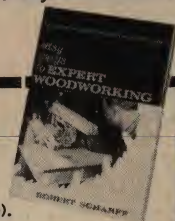
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# ENTER STYLON'S HOME IMPROVEMENT CONTEST!

Your contest project will be judged on how *well* you use Stylon Tile — not on how *much* you use. Full-color booklet (see coupon) is full of ideas like those shown in the bath below, designed by Alfred B. Parker, F.A.I.A. . . . Stylon Ceramic Tile on floor and walls; on counter tops: unique Stylon "V-Cap" drip-free molded ceramic edging.

Whether it's a bathroom or patio, kitchen or swimming pool, foyer or fireplace, you may win a new 1963 Rambler by entering your project in Stylon's 1962 Home Improvement Contest. It's easy. Any home improvement project qualifies, as long as it includes Stylon Ceramic Tile. You just submit "before" and "after" photos of your project plus any other details you think necessary. Originality, taste and design in the application of Stylon Tile are the only requirements. (If you are entering Better Homes & Gardens 1962 Home Improvement Contest, you may submit the same project to Stylon, provided it includes the use of Stylon Tile. *The two contests, however, are entirely separate!*) You get beauty, ease of maintenance and value in your home with Stylon Ceramic Tile. And you *may* win a new 1963 Rambler, or one of the other valuable prizes shown below.

## GRAND PRIZE

### New 1963 Rambler "Classic" Sedan



More luxury inside and out, yet more economy of performance than ever. New styling, new driving ease. It's America's smartest small car — Rambler! (1962 Model shown).

## SECOND PRIZE

### Westinghouse 19" Portable TV



"Attache" is the portable that goes anywhere, in slimmer-than-ever travel case. Console performance from twin telescoping antenna's superior signal pick-up to 5" speaker for static-free FM sound!

## THIRD PRIZE

### Bell & Howell Automatic Zoom Dual Electric Eye Movie Camera



This fully automatic camera zooms in, zooms out, even zooms at slow motion. You'll take more exciting pictures than ever with Bell & Howell's most advanced, yet easiest-to-operate movie camera! Matching Case.

ENTER TODAY! SEND THIS COUPON AND 25¢ AND YOU'LL RECEIVE: Your Official Stylon Entry Blank with all the contest details • Full-color Brochure of Ceramic Tile Ideas • Full-color Stylon Color Planner illustrating 36 decorator bathroom color schemes.

**Stylon**  
IN THE WEST: REDONDO

Contest Manager, Dept HMG  
STYLON CORPORATION, Milford, Mass.

Enclosed is 25¢ in coin. Send my official Stylon Home Improvement Contest entry blank, with full contest rules, plus Full-Color Ceramic Tile Idea brochure and Stylon Color Planner.

NAME.....

ADDRESS.....

CITY.....ZONE.....STATE.....

Subject to state and federal laws. Contest open to all contestants except those in the states of Washington, Oregon, California, Idaho, Nevada, Arizona, Utah, Hawaii and Alaska.

CERAMIC  
TILE



● Glass Sliding Doors are more becoming to your home with frames of wood, for they can be natural finished or painted to go with other woodwork . . . inside and out. And, wood licks the condensation problem. Screens close automatically. Square or diamond glass dividers. Available in Canada, too.



—THIS COUPON ANSWERED IN 24 HOURS—  
**ROLSCREEN COMPANY**, Dept. NC-40, PELLA, IOWA  
 Please send color pictures of PELLA WOOD SLID-  
 ING GLASS DOORS.

NAME \_\_\_\_\_

ADDRESS \_\_\_\_\_

CITY & ZONE \_\_\_\_\_

STATE \_\_\_\_\_

MAKERS OF PELLA WOOD WINDOWS, WOOD FOLDING DOORS AND PARTITIONS, ROLSCREENS AND WOOD SLIDING GLASS DOORS

*every winter... most people\**

**LIVE IN AN  
 INDOOR  
 DESERT!**



AVERAGE  
 AMERICAN  
 HOME 13%

DEATH VALLEY 23%

SAHARA DESERT 25%

RECOMMENDED HUMIDITY 35%

*\*but not those  
 with an*

**RP**

**Aprilaire®**  
 AUTOMATIC HUMIDIFIER

The refreshing, healthful moisture that Nature adds to the air is lost to the artificial heating and must be replaced—all winter long—to eliminate the damaging, unhealthful, uncomfortable effects of desert-dryness. *Here's how:* With an Aprilaire Humidifier. *Here's why:* It adds moisture just as Nature does—as a vapor. No mists, no droplets, no white dust. Controlled by an accurate humidistat. Big capacity. No liming nor maintenance problems. Choose your new humidifier wisely—choose the best—Aprilaire.



**FREE** booklet on humidification facts—  
 includes questions to ask your dealer on any humidifier.

**RESEARCH PRODUCTS Corporation** Dept 957-C, Madison 1, Wis.

## MODERNIZING EQUIPMENT

### See what's new before you remodel your wiring

By David X. Manners

Updating your wiring takes an adequate supply of electricity. A floor area of not over 3,000 square feet, without use of electricity for heating, needs a minimum of 100 amperes. Replacing a 60-ampere with a 100-ampere service is likely to cost from \$85 to \$150.

With 100 amperes, you can benefit by new circuits; or you may be able to reshuffle existing circuits and add new outlets. In some cases you may gain convenience with a new type of socket accommodating four plugs.

When you're rewiring, a good precaution is to leave two feet of slack cable between outlets so that intermediate outlets may be installed later. Raceways may be used if breaking into walls, cutting through firetops, is a major operation.



No handle, no button—new touch switch operates entirely by rocker action. A touch at the top of smooth, flat plate turns switch on. A touch at bottom turns it off.



A new raceway, replacing baseboards, includes outlets every three feet and will accommodate electric cables and telephone wiring.

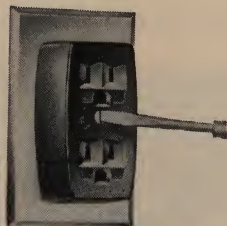
The new trend is toward split outlets. In this system, the upper half of an outlet is always live and may be used for clocks, TV, etc. The lower half is switch-controlled for lighting. In new improved outlets and switches, pressure terminals are used instead of screws. In making connections, the electrician merely inserts wire-ends in holes—faster and cheaper than with screws.

Electric frying pans and other kitchen portables that overload ordinary circuits may be operated on an appliance center. One of the latest centers provides full operating power for four cooking appliances and is completely grounded—an important factor.

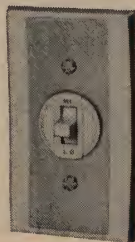
Recent code provisions require "grounded" outlets in kitchen, bath, garage, basement, and throughout a slab house as a safeguard against hazardous shock where you can touch plumbing or be in contact with damp concrete while handling electrical equipment. Many new grounding devices and special new safety outlets are now at your service for protection from such ever-present household dangers.



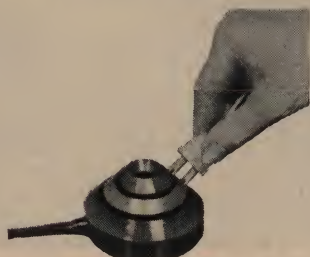
Elimination of standard clock control reduces cost of new appliance center.



Adapter converts 2-wire duplex receptacle to temporary 3-wire grounding.

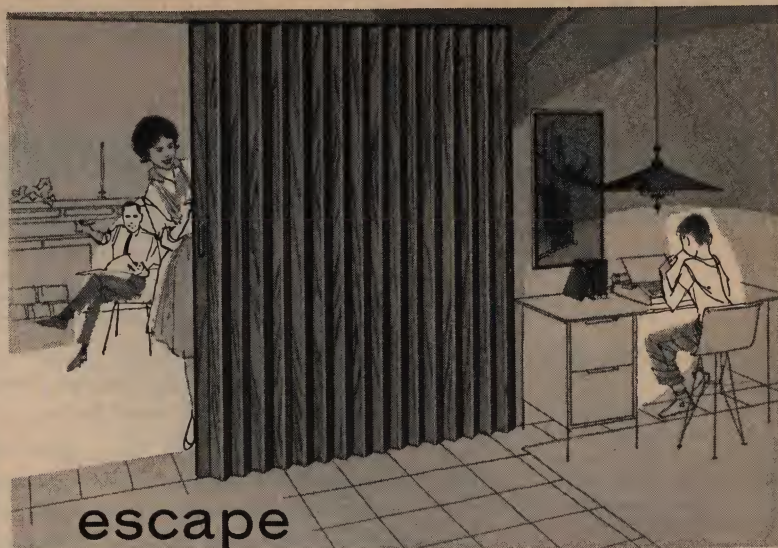


Dimming of light to about half is possible through the new silicone rectifier.



New table extension cone accommodates up to three plug caps for appliances.

FOR PRODUCT SOURCES SEE  
READER'S GUIDE (Page 122)



escape  
from too much  
"togetherness" ... into your own "little private world." It's done with PELLA WOOD FOLDING DOORS that come in veneers of nature's own AMERICAN WALNUT, BIRCH, PINE, OAK, WHITE ASH and PHILIPPINE MAHOGANY. We'll finish them at the factory or you can finish them at home. Available in Canada, too. Send for color pictures of wood grains.



—THIS COUPON ANSWERED IN 24 HOURS—  
ROLSCREEN COMPANY, Dept. NC-41, PELLA, IOWA  
Please send color pictures of PELLA WOOD FOLDING DOORS.

NAME

ADDRESS

CITY & ZONE

STATE

MAKERS OF PELLA WOOD WINDOWS, FOLDING PARTITIONS, ROLSCREENS AND WOOD SLIDING GLASS DOORS



BEAUTIFY your  
home laundry area  
with appliance-styled  
**duratub®**

Long for an attractive, sparkling bright laundry area? You'll have one, when you build or remodel, by specifying a new duratub in place of an old-fashioned laundry tub. One cheerful Fiberglas® tub with exclusive Handiflo double drain, housed in a baked enamel cabinet, does the work of two ordinary tubs. Eliminates "octopus" water hoses ... and gives you tub, water faucets, laundry supply storage and washer hose connections all in one, compact cabinet. Matched in size and appearance to most automatic washers and washer/dryer combinations, duratub is the most efficient installation you can have ... yet is reasonably priced. Specify Model 9TH (illustrated).



Patented and patents pending.

#### ELIMINATES HOSE HANDLING

You never touch washer hoses with a duratub. Your Handiflo double drain handles suds and waste hoses; your KWIK-LINK connector connects the hoses permanently ... on either side without moving the duratub. The hoses for this are installed at the factory as shown in the sketch. Ask your builder or plumbing supply dealer for the appliance-styled duratub.



A product of **E. L. MUSTEE & SONS, INC.**  
6911 Lorain Avenue • Cleveland 2, Ohio  
duratub®, Handiflo® and KWIKLINK are trademarks of E. L. Mustee & Sons, Inc.



## Reader's Guide to product sources

Manufacturers of products, materials, equipment and furnishings illustrated or mentioned in our editorial pages are listed below. For further information consult our Helpful Booklets Section or write directly to the firms given here for the name of your local dealer or distributor.

**"Fact File on Basements,"** Page 20—*extruded polystyrene*: "STYRO-FOAM", DOW CHEMICAL CO., Midland, Mich.; *insulation board*: "SHEETROCK", UNITED STATES GYPSUM CO., 300 West Adams, Chicago 6, Ill.; *laminating adhesive*: BESTWALL GYPSUM CO., 120 East Lancaster Ave., Ardmore, Pa.

**"A Versatile Addition Is the First Resort for Many Houses,"** Pages 24 and 25—*siding*: CALIFORNIA REDWOOD ASSOCIATION, 576 Sacramento, San Francisco 11, Calif.; *paints and stains*: SAMUEL CABOT, INC., 141 Milk St., Boston 9, Mass.

**"Modernizing Design Section,"** Page 54—*windows*: MORGAN CO., Oshkosh, Wis.; *doors*: PEASE WOODWORK CO., 900 Forest Ave., Hamilton, Ohio; *paint*: THE O'BRIEN CORP., 2001 W. Washington Ave., South Bend 21, Ind.; Page 55—*shutters and doors*:

MORGAN CO.; *balcony railing*: LOGAN CO., 507 Cabel St., Louisville 6, Ky.; *roofing*: THE FLINTKOTE CO., 30 Rockefeller Plaza, New York 20, N. Y.; *paint*: THE O'BRIEN CORP.; Page 56—*roofing*: BIRD & SON, INC., East Walpole, Mass.; *window glass*: PITTSBURGH PLATE GLASS CO., 1 Gateway Center, Pittsburgh 22, Pa.; *awnings*: THE CANVAS AWNING INSTITUTE, INC. and NATIONAL COTTON COUNCIL, P.O. Box 9907, Memphis 12, Tenn.; Page 57—*doors*: MORGAN CO.; *roofing*: RED CEDAR SHINGLE BUREAU, 5510 White Bldg., Seattle 1, Wash.; Page 59—*shutters, doors, windows and columns*: PEASE WOODWORK CO.; *paint*: THE O'BRIEN CORP.; Page 61—*windows*: ANDERSEN CORP., Bayport, Minn.; *paint*: SHERWIN-WILLIAMS CO., 101 Prospect Ave., N. W., Cleveland 1, Ohio; *plywood siding*: U. S. PLYWOOD CORP., 55 W. 44th St., New York 36, N. Y.; *exterior lighting*: PROGRESS MANUFACTURING CO., INC., Castor Ave. and

Tulip St., Philadelphia, Pa.; *bathroom fixtures*: CRANE CO., 836 S. Michigan Ave., Chicago 5, Ill.; Page 62 thru 65—*shutters, doors, windows, columns*: PEASE WOODWORK CO.; *metal roofing*: FOLLANSBEE STEEL CO., Follansbee, West Virginia; Pages 66 and 67—*roofing*: BIRD & SON, INC.; *garage doors*: RAYNOR MFG. CO., East River Road, Dixon, Ill.; Page 68—*air conditioning*: CARRIER CORP., Carrier Parkway, Syracuse 1, N. Y.; *windows*: "PELLA" ROLSCREEN CO., Pella, Iowa.

**"Three Choice Ways to Design One Room, Low-To-High Budget,"** Page 70—*upholstered furniture*: "BASICANNA", INTERNATIONAL FURNITURE, DIV. OF SCHNADIG CORP., 4820 W. Belmont Ave., Chicago, Ill.; *desk and tables*: "BASICANNA", BASIC-WITZ FURNITURE INDUSTRIES, INC., Waynesboro, Va.; *window shades*: "HOLIDAY STRIPE", JOANNA WESTERN MILLS CO., 22nd and Jefferson Sts., Chicago 16,

Ill.; *carpet*: MAGEE CARPET CO., Bloomsburg, Pa.; Page 71, left—*furniture*: "FAR EAST", BAKER FURNITURE, INC., Exhibitor's Building, Grand Rapids, Mich.

**"Take Stock of Styling When You Plan Rooms,"** Page 72—*furniture*: BODANT FURNITURE, INC., 964 Monroe Ave., N. W., Grand Rapids 2, Mich.; *wall covering*: "VICTREX", L. E. CARPENTER & CO., 350 Fifth Ave., New York 1, N. Y.; Page 73, top—*furniture*: "TWO WORLDS", STANLEY FURNITURE CO., Stanleytown, Va.; *intercom*: "GUARDIAN", WEBSTER PRODUCTOMATIC CORP., Rochester 21, N. Y.; *window shades*: HOWARD & SCHAFFER, INC., 22 East 55th St., New York 22, N.Y.; bottom—*furniture*: "PROVENCE", MILLING ROAD SHOP, 10 Milling Rd., Holland, Mich.

**"Delightful Dining Rooms Don't Just Happen, They're Planned,"** Page 74—*furniture and furnishings*: WILLIAMSBURG PRODUCTIONS, CRAFT HOUSE, Williamsburg, Va.; Page 75, top—*table and chairs*: HOUSE OF ITALIAN HANDICRAFTS, INC., 225 Fifth Ave., New York 10, N. Y.; *lighting fixtures*: IMPERIAL LIGHTING PRODUCTS CO., Loyalhanna Park, Latrobe, Pa.; *shelving hardware*: KNAPE & VOGT MFG. CO., 658 Richmond, Grand Rapids 4, Mich.; bottom—*furniture*: "CROSS COUNTRY", MILLING ROAD SHOP, 10 Milling Rd., Holland, Mich.  
(Additional listings on page 115)



## Backyard Blues?



## Good News!

The Bilco Co., Dept. R-113  
New Haven 5, Conn.

Please send me free illustrated folder  
and name of local dealer.

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ Zone \_\_\_\_\_ State \_\_\_\_\_

Here's the way to add amazing new beauty and convenience to your home. Replace that troublesome wood door with a modern Bilco. All steel, permanent, watertight, opens and closes at a touch. A new Bilco Door will do wonders for your home . . . and for you!

THE BILCO COMPANY ■ NEW HAVEN 5, CONN.

# Bilco®

AMERICA'S FINEST  
BASEMENT DOOR



# HELPFUL BOOKLETS

## Your guide in making the right decisions

As you progress from one step to another in putting on a brand new front or remodeling your kitchen or adding living space, there comes a point where your success depends on making the

right decisions on products or services—to know by name, by specific feature, and by price what to ask for in the first place. That's where these booklets become your guides. Many are "free"; for some more comprehensive ones there's a charge. To order, circle the numbers of those you want on the form below. Mail to this magazine with a 25c fee for service costs (in addition to any booklet charges, of course). Why not look them over and pick those you need right now?

*Booklets listed in this issue will be serviced by HOME MODERNIZING GUIDE until March 22, 1963.*

### BATHROOM EQUIPMENT

**A1. BATHROOM PLANNING BOOK**—24-page full-color booklet helps with your planning; shows complete line of Kohler fixtures; includes a Color Decorator Guide. Kohler Co.

**A2. BATHROOM FIXTURES**—Colorful brochure by Case describes non-overflow one-piece closets including new off-floor model; distinctive vanity lavatories, featuring new Wellington style with wrought iron legs; one-piece enameled steel bathtubs, lavatories, and sinks. Color chart shows every color offered in line. Case Manufacturing, Division of Ogden Corp.

**A3. "THE LOOK OF LUXURY IN BATHROOM FIXTURES"**—Booklet describes 5 popular water closets and 16 distinctive Case lavatories, both built-in and wall-hung. All are available in 45 decorator colors plus gleaming black and white in keeping with other bathroom equipment. Case Manufacturing.

**A4. BATHROOM ACCESSORIES**—Booklet entitled "Accent on Accessories" in full color, 8 pages. Offers new and interesting ideas for bathrooms, recessed shower and vanity shelf units, concealed scale, three-way mirror cabinets, warming towel rack, towelscope for extra drying space, new towel ladder, grab bars and other unique items. Hall-Mack Co.

**A5. MODERN TOILET SEATS**—Two colorful folders present the Olsonite line of seats; show and describe features such as "hide-a-ring" cover that conceals seat ring, color-matched bumpers, no exposed metal to rust or corrode, styling for modern bathrooms. Test pictured to prove strength and easy maintenance. Olsonite Div., Swedish Crucible Steel Co.

### BUILDING MATERIALS, EXTERIOR

**B1. LOW-MAINTENANCE ALUMINUM SIDING**—Brochure presents siding of high quality made by Alcoa expressly for Bird & Son. It won't rot or

peel, or need painting for years. Shows colors, gives construction details. Bird & Son, Inc.

**B2. SHINGLES THAT ELIMINATE ROOF REPAIRS**—An exposition of the unique construction of the Bird Wind Seal Shingle; the sun cements it down in place so that even hurricanes don't rip it loose. Brochure also gives decorator's charts for attractive exterior color coordination. Bird & Son, Inc.

**B3. ORNAMENTAL IRON FOR YOUR HOME**—Graceful iron railings and porch columns make your home distinctive. Illustrative brochure shows variety of attractive, reasonably priced Colonel Logan designs. May be self-installed or done by your contractor. Logan Co.

### BUILDING MATERIALS, INTERIOR

**C1. LUXURIOUS WALLS AT LOW COST**—Ideafull 4-color booklet presents many applications of Abitibi Imperial Cherry paneling—for a deco-

orative panel, single wall or entire room. Helpful suggestions for your remodeling or building plans. Abitibi Corp.

**C2. HARDBOARD PANELING**—Full-color 6-page folder illustrates the complete line of Hines Hardboard paneling, including embossed and perforated products as well as regular Hardboards. A sample of Hines Cherribord paneling in natural, gray, or blond will be supplied with the folder. Edward Hines Lumber Co.

**C3. NEW PRE-FAB GYPSUM PARTITION PANELS**—Literature from National Gypsum Company tells about new non-bearing gypsum partition panel. It is called Spiral-Core because it consists of two pieces of gypsum wallboard separated by a core of hardwood spirals. Construction Guide describes simple erection procedure for panels. National Gypsum Company.

**C4. WALLBOARD AND PANELS**—New full-color 8-page catalog illustrates the many uses both inside and outside of the house, for pre-finished  
(Continued on page 124)

## HELPFUL BOOKLETS ORDER FORM

Note: Booklets will be mailed directly to you by the various manufacturers. Allow 4 to 5 weeks for processing and delivery.

### FREE BOOKLETS

HOME MODERNIZING GUIDE, DEPT. HB-19  
383 Madison Avenue, New York 17, N.Y.

Please send me the booklets I have circled in the group immediately below, A1 to P2. I enclose 25c service charge and I understand there is no further charge for booklets in this group.

A1 A2 A3 A4 A5 B1 B2 B3 C1 C2 C3 C4 C5 C6 C7  
C8 C9 D1 D2 E1 E2 E3 E4 E5 E6 E7 E8 E9 E10 F1  
F2 F3 F4 G1 G2 G3 G4 G5 G6 G7 G8 G9 G10 G11 G12  
G13 G14 G15 H1 H2 J1 J2 J3 J4 J5 J6 J7 J8 J9 K1  
K2 K3 K4 K5 K6 L1 M1 M2 M3 N1 N2 N3 N4 N5 N6  
N7 N8 P1 P2 Total number of free booklets ordered \_\_\_\_\_

BE SURE TO FILL IN BOTH SIDES

Name.....  
(PLEASE PRINT)

Address.....

City.....Zone.....State.....

(Enclose check or money order. Please do not send cash)

### PAY BOOKLETS

Please send me the booklets circled below at the cost listed in addition to the overall 25c service charge. (To avoid delay, please enclose correct amount.)

	Quantity	Charge
J101, J102, K101, K102, K103, P101, P102	@	\$ .10
G101	@	\$ .15
C101, E101, E102, F101, H101, J103, K105	@	\$ .25
H102, H103, H104, H105, H106, H107	@	\$ .50
L101	@	\$ .75
D101, L102	@	\$1.00
H108, K104	@	\$2.50
H109	@	\$8.00
Plus 25c service charge		\$ .25
Total charge		_____

Note: One 25c service charge covers orders in both groups.

BE SURE TO FILL IN BOTH SIDES

Coupon Expires March 22, 1963



Barclay wallboard and Barclite shatter-proof Fiberglas panels. Barclay Mfg. Co.

**C5. LAMINATED PLASTIC SURFACING**—Full-color folder with attractive illustrations shows easy-to-clean Textolite patterns and colors ideal for countertop, wall, door, cabinet and furniture surfacing in the home. Also describes Textured Textolite, the textured finish laminate that cuts glare and noticeable wear. General Electric Company.

**C6. BUILT-IN IDEAS**—8 pages of ideas for built-ins of solid lumber, plus hints for "how-to-do-it." Western Pine Association.

**C7. PANELING IDEAS**—8-page booklet showing wonderfully rich ideas for the use of solid lumber paneling for home interiors. Shows how to install, too. Western Pine Association.

**C8. KITCHEN AND BATHROOM IDEAS**—Complete information on use and care of Formica laminated plastic. Includes colorful idea literature and a Formica Blue Book of Qualified Dealers with name, address and telephone number of craftsmen in your area skilled in working with this long-lasting material. Formica Corp.

**C9. 1962 LINE OF PLASTIC SURFACING**—Attractive, full-color folder shows the Consoweld line of laminated plastic colors and patterns including new "Sunstone" and "Wedgewood" patterns. Tells how line harmonizes with numerous color combinations and never needs refinishing or repainting. Consoweld Corp.

**C101. IDEAS FOR HOME BEAUTY WITH PANELING**—28-page booklet in full color, features Weldwood Paneling and ideas to make your home a distinctive expression of your way of life. Color chart of Weldwood Panels included. Price 25c. United States Plywood Corp.

## FIREPLACES AND EQUIPMENT

**D1. HEAT-TEMPERED FIREPLACE ENCLOSURE**—Colorful booklet presents decorating ideas for glass enclosure with solid brass frame. Shows how it improves fireplace performance with wood, coal or gas; ends smoke, sparks, drafts. Also conserves furnace heat. Available in stock or custom units to fit any fireplace size or shape. Thermo-Rite Mfg. Co.

**D2. "FIRESIDE ENCHANTMENT"**—the new full-color folder featuring the Firehood, the Firehearth and Firehearth Divider Wall. All are pre-fabricated metal units, easy to install, and attractively illustrated in living settings. Condon-King Company, Inc.

**D101. BOOK OF FIREPLACE DESIGNS**—52 pages. 82 beautiful prize-winning Heatform fireplaces selected from national photograph contest. Also contains complete instructions on how to build a fireplace that will circulate more heat through the home and with less fuel consumption. Price \$1. Superior Fireplace Co.

## FLOORS AND FLOOR COVERINGS

**E1. "ROOM-TO-ROOM" TILING**—Congoleum Nairn offers a sample of the new decorator-type vinyl now available in 6-foot width rolls, seamless like broadloom carpeting. Wide range of patterns and colors designed to give an open, decorative effect. Congoleum-Nairn Inc.

**E2. VINYL-ASBESTOS FLOOR TILE**—New full-color booklet features Flexachrome Floor Tile by Flintkote. Points out it is styled for care-free living and trouble-free pleasure; can be quickly installed over wood sub-floors or concrete slabs; resists dirt, needs no waxing. Many colors and styles. The Flintkote Co.

**E3. LUXURIOUS SOLID VINYL FLOORS**—Comprehensive folder contains complete verbal and pictorial descriptions of Celebrity, the beautiful new concept of floor styling in solid vinyl tile. Robbins Floor Products, Inc.

**MODERN SHEET VINYL FLOORS**—For complete information about individual Armstrong vinyl floors check style and type as follows:

**E4. Palatial Corlon**

**E5. Tessera Corlon**

**E6. Patrician Corlon**

**E7. Futuresq Supreme Corlon**

**E8. Futuresq Corlon**

**E9. Montina Corlon**

**Armstrong Cork Co.**

**E10. ALL ABOUT VINYL ASBESTOS FLOOR TILE**—"You'll Love Living on Vina-Lux Floors" gives color charts and information on Vina-Lux vinyl asbestos floor tile. Azrock Floor Products Division, Uvalde Rock Asphalt Co.

**E101. FLOOR STYLING HANDBOOK**—Colorful booklet presents ideas for decorating with Vina-Lux vinyl asbestos floor tile. Includes styles, patterns, suggested floor designs, sizes, thicknesses, special characteristics. Special section shows you how to design your own floors. Price 25c. Azrock Floor Products Division, Uvalde Rock Asphalt Company.

**E102. LOOKING FOR SOMETHING NEW IN FLOORS?**—Kentile suggests the effect of beautiful marble in new "Breccia" solid vinyl tile. Points out it's easy-cleaning, greaseproof, suitable for any room. 9 colors. Set of 3 x 3 actual tile samples offered. Price 25c. Kentile, Inc.

## HARDWARE AND POWER TOOLS

**F1. BEAUTIFY WITH CABINET HARDWARE**—Literature contains illustrations and descriptions of all types of hardware designs and finishes—Chromium, Brass, Colonial, Provincial, or Contemporary. Suggests how it can give per-

sonality to any room. Easily installed on old or new cabinets. Amerock Corp.

**F2. "15 POWER TOOLS IN ONE"**—20 profusely illustrated pages on the DeWalt radial arm multi-power tool—a new concept in wood-working. Shows how DeWalt "Minute-Magic" converts in minutes to 15 different power tools. DeWalt, Inc., a Black & Decker Subsidiary.

**F3. SLIDING DOOR TRACK**—for panels of plywood, hardboards and perforated panels. Folder shows how M-D Alumna-Side makes it easy to build sliding doors with "finger touch" action for closets, kitchen, garage, workshop, etc. Packaged, ready to use. No special tools or skill required. Macklanburg-Duncan Co.

**F4. CLOSET ROD**—Folder tells about M-D Anodized aluminum closet rod with nylon hanger-glides that prevent hanger tangling. Keeps closet neater. Macklanburg-Duncan Co.

**F101. DECORATIVE HARDWARE**—4-Color brochure presents Towne line of attractive ceramic door-knobs and back plates, switchplates, drawer-pulls and coat hooks; also ceramic with brass door knockers and towel rings. Includes many designs to enhance all types of decorating schemes. Price 25c. Yale & Towne Mfg. Co., Towne Hardware Div.

## HEATING AND AIR CONDITIONING

**G1. "AIR CONDITIONING IS A FAMILY AFFAIR"**—Benefits of air conditioning to every member of the family are described in this 12-page illustrated booklet, along with the different types of systems available to air condition any home. Carrier Air Conditioning Co.

**G2. "NOW YOU CAN HAVE 12-MONTH HOME AIR CONDITIONING"**—Complete ratings and dimensional data for all Carrier heating and air conditioning equipment are included in this 12-page illustrated booklet, plus technical data and installation helps for you and your architect in integrating the system into overall plans. Carrier Air Conditioning Company.

**G3. HEATING WITH WATER**—Colorful 4-page brochure provides facts on comfort and explains the many benefits and advantages of a modern hydronic (water) heating system. American-Standard, Plumbing & Heating Div.

**G4. BASEBOARD HEATING WITH ELECTRICITY**—Home heating with Chromalox electric baseboard heaters is explained in well-illustrated color folder; application and specification data; the advantages of clean, comfortable perimeter heating with room-by-room temperature control. Edwin L. Wiegand Co.

**G5. MODERNIZING WITH ELECTRIC HEAT**—Electric heat installation is simple and economical with the exclusive R & M-Hunter Forced Air

Baseboard. Full-color booklet also illustrates and explains advantages of electric convection baseboard wall insert heaters, bathroom heaters. Hunter Division, Robbins & Myers, Inc.

**G6. BUYERS' GUIDE TO HOME HEATING & COOLING**—Illustrated booklet in color, describing General Motors Delco complete line of heating and air-conditioning equipment. Heating equipment available in gas or oil fired furnaces and steam and hot water boilers to meet all application requirements. Heat Pumps and Summer Air-Conditioning equipment in packaged or add-on type. Delco Appliance Div., General Motors Corp.

**G7. "HOME COMFORT PLANNING"**—New, color booklet covers principles of the various kinds of heating and air-conditioning systems. Also discusses standard and deluxe thermostats, residential control systems, zone control, electronic air cleaning and decorative light switches. Minneapolis-Honeywell.

**G8. DELUXE GAS AND OIL FURNACES**—Literature tells about new unit with provision for assuring satisfaction in heating and optional cooling. Wide range of optional features include: charcoal filters for odor removal, electronic air cleaners, modulating gas flame and choice of summer cooling. Mueller Climatrol Div. of Worthington Corp.

**G9. GUIDE TO HOME HEATING**—Booklet contains ideas for living comfort and economy, gives complete story of Safti-Vent sealed gas heating which is especially adaptable to add-a-room planning and remodeling. Explains how Safti-Vent saves up to 90% on installation and 15% on fuel bills. Bastian-Morley Co.

**G10. SKETCHBOOK OF IDEAS**—Plumbing, heating, and air conditioning are discussed, with many helpful suggestions, in this 24-page, 4-color booklet. Sketches show various rooms, fixtures and heating equipment. Crane Co.

**G11. HOW TO SELECT YOUR HEATING AND AIR-CONDITIONING SYSTEM**—Informative booklet gives you facts on how to choose and plan for heating and air conditioning; the addition of cooling to heating systems; new systems for all-season comfort. Lennox Industries, Inc.

**G12. FACTS ABOUT CENTRAL AIR CONDITIONING**—Colorful, illustrated booklet tells you how central air conditioning works, why you should enjoy it, and how you can enjoy it. Diagrams show various types. Installation costs, operating costs and financing discussed. Air Conditioning Dept., General Electric Co.

**G13. THROUGH-THE-WALL GAS HEATER**—For Add-On-Rooms—Color folder gives full information on decorator-styled gas heater for new rooms and hard-to-heat areas. Uses outside

## WHO IS OUR REPRESENTATIVE READER? ARE YOU?

Please—will you help us to help you by checking the appropriate boxes below?

With such facts, we can serve your needs better. Naturally, this information will be held in strict confidence.

We are planning to: ☐ Modernize the house we own  
☐ Modernize the house we will buy  
☐ Build a new house

We intend to do this: ☐ Now ☐ This Summer ☐ This Fall

We expect to spend for modernizing (fill in amount): \$ \_\_\_\_\_

We will add these new rooms:

☐ Bedroom ☐ Bathroom ☐ Den ☐ Laundry Room  
☐ Family or Recreation Room ☐ Garage ☐ Kitchen

Any Others? (Specify) \_\_\_\_\_

We will remodel these existing rooms:

☐ Kitchen ☐ Bathroom ☐ Living Room ☐ Bedroom  
☐ Dining Room ☐ Basement ☐ Attic

Any Others? (Specify) \_\_\_\_\_

Will you have a special laundry? ☐ Yes ☐ No

(If "YES") Where do you want it? ☐ Kitchen ☐ Bathroom  
☐ Basement ☐ Utility Room

Will you have a: ☐ Separate Clothes Washer ☐ Separate Clothes Dryer  
☐ Combination Washer-Dryer

Which of these improvements will you need?

☐ Re-wire ☐ Re-roof ☐ Improve Heating System  
☐ Re-side ☐ Add insulation ☐ Add air-conditioning

Will you employ a local architect to design your modernizing work? ☐ Yes ☐ No

Where will you go for your modernizing plan?

☐ Local contractor ☐ Local builder ☐ Local lumber dealer  
☐ Local carpenter ☐ Kitchen Specialist ☐ Utilities company  
☐ Architect ☐ Interior Decorator

What craftsmen will you have do your work?

☐ Carpenter ☐ Plumber ☐ Electrician ☐ Mason ☐ Tile setter ☐ Painter

Will you do any of this work yourself? Identify: \_\_\_\_\_

How will you finance your modernizing and improvements?

☐ Open End Mortgage ☐ Savings & Loan ☐ Bank Loan ☐ Cash

How many issues of HOME MODERNIZING GUIDE have you read?

☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 or more

What other modernizing magazines do you read? (Please list each) \_\_\_\_\_

How long have you lived in your present home? \_\_\_\_\_

Occupation of head of your household: \_\_\_\_\_ Industry: \_\_\_\_\_

Age: \_\_\_\_\_ Number of Children: \_\_\_\_\_ Total Annual Family Income: \$ \_\_\_\_\_

(See Helpful Booklets order form on the preceding page)



air, vents directly outside. Easy to install. Temco, Inc.

**G14. HEATING-COOLING WITH WATER**—Full-color booklet describes how a modern system of circulated water provides heating, summer cooling, year-round hot faucet water—plus snow melting, and zoning for different indoor temperatures and fuel economy. B & G Hydro-Flo System by Bell & Gossett Co.

**G15. BUILT-IN and PORTABLE ELECTRIC HEATERS**—Several 4-page color folders give full information about these heaters, which include fan circulating, baseboard, radiant, and ceiling models. Complete specifications given. Thermador Division of Norris-Thermador Corporation.

**G101. "THE STORY OF HUMIDITY"**—12-page book on relative humidity. Explains the many damaging effects of too-dry indoor heating; defines relative humidity—how to measure it—effect of temperature change—correct indoor relative humidity—how moisture is added—how to have healthful relative humidity during the winter heating season. Price 15c. Research Products Corp.

## HOME PLANNING

**H1. MILLWORK IDEAS**—16-page color brochure contains ideas on how to make your home more beautiful and convenient with Kitchen Cabinets, All-Weather Windows, Stack Windows, Glide-and-Fold Doors, Sliding Doors, Decorative Screen Doors, other millwork items. Designed and manufactured in one of the country's largest millwork plants. Ideal Co.

**H2. HOME IMPROVEMENT IDEAS**—16 colorful pages of problem-solving ideas for interior and exterior remodeling and room additions. ABC's of utilizing space or adding space to attics, basements, carports. Weekend project plans; tips on paneling. Information and uses for Royalcote prefinished panels and Masonite X-ninety sidings. Masonite Corp.

**H101. READY-CUT HOMES CATALOG**—40 colorful pages show 57 designs and floor plans in Sterling homes, at \$2,295 and up, on 5 payment plans. Each piece cut out and clearly marked ready for convenient assembly by owner using only a few household hand tools. Price 25c. International Mill & Timber Co.

**HOME PLAN BOOKS**—Garlinghouse features hundreds of attractive practical homes in a

variety of styles with 2, 3, or 4 bedrooms. Exterior and floor plans are shown. Blueprints for custom building offered at small cost.

**H102. CHOICE SELECTED HOMES**, 114 designs featuring 12 new split levels, 50c.

**H103. RANCH & SUBURBAN**, 123 popular conventional and contemporary designs, 50c.

**H104. ALL-AMERICAN HOMES**, 120 designs, 50c.

**H105. BLUE-RIBBON HOMES**, 116 winners, 50c.

**H106. NEW AMERICAN HOMES**, 110 beautiful, larger-size homes, 50c.

**H107. AMERICA'S BEST**, over 120 designs, 50c.

**H108** All six books, \$2.50.

**H109.** Complete library, 118 books, \$8. L. F. Carlinghouse Co., Inc.

## KITCHENS AND LAUNDRIES

**J1. AIR-CONDITIONED RANGE**—Folder introduces the Jenn-Air air-conditioned built-in electric range. Explains how it keeps the kitchen clean, cool, odorless with self-contained fume control system—why no overhead ventilating apparatus is necessary. Shows models of range-tops and ovens. Jenn-Air Products Co.

**J2. NEW DUCTLESS HOOD**—Informative brochure describes Airsweep, the new electronic ductless range hood that removes smoke, greasy fumes and cooking odors... filters and cleans kitchen air while adding beneficial negative ions. Gives information on easy installation and exceptional performance. Progress Manufacturing Company.

**J3. "COMPLETING THE MODERN HOME LAUNDRY"**—Informative booklet setting forth complete details and specifications of the three models available in Duratub laundry tubs. These are appliance-styled stationary tubs designed to match other modern home laundry equipment. E. L. Mustee and Sons, Inc.

**J4. "INDIVIDUALITY IN KITCHEN CABINETS"**—Colorful brochure shows line of kitchen cabinets designed for beauty and efficiency, to make kitchen tasks a pleasure. Variety of wood finishes. Curtis Companies, Inc.

**J5. "HOW TO PLAN A TREND-SETTING KITCHEN"**—20-page full-color booklet presents outstanding examples of kitchens showing the use of built-in appliances for attractive effects. Features built-in refrigerators and freezers in a variety of combinations. Revco, Inc.

**J6. ALL ABOUT GARBAGE DISPOSERS**—Beautifully illustrated literature by In-Sink-Erator tells how easily and economically you can rid yourself of messy garbage chores. Fact-filled information explains the special features of this disposer—describes how the exclusive automatic reversing action prevents jamming. In-Sink-Erator Manufacturing Company.

**J7. NEW DISHWASHER**—Full-color folder describes all new KitchenAid dishwashers. New styling, new front finishes, push-button convenience, king-size capacity and other new features. All have "Guided Action" wash. Portable models included too. In fact, there's KitchenAid for every kitchen, every budget. The Hobart Manufacturing Co.

**J8. BUILT-IN ELECTRIC RANGES**—Literature on complete line of new Thermador Masterpiece built-in ovens, cooking tops, warming drawers and exhaust hoods. 8-page, 4-color catalog with complete specifications for rough-in and finish size. Thermador Division of Norris-Thermador Corporation.

**J9. NEW BUILT-IN DISHWASHER**—4-color catalog and specifications on new Thermador Masterpiece Dishwasher with sanitary stainless steel

interior. Dishwasher has largest true capacity, four-level tower of shower, simple trouble-free controls. Matches other Thermador Built-ins. Thermador Division of Norris-Thermador Corporation.

**J101. ATTRACTIVE KITCHEN EFFICIENCY**—Fact-full literature gives data on Youngstown all-steel kitchens, mar-resistant woodgrain laminate finishes. Includes special folder on new Youngstown line of all-wood kitchens and a kitchen planning guide. Cabinet finishes shown in full color. Price 10c. Youngstown Kitchens, Div. of Mullins Manufacturing Corp.

**J102. GAS AND ELECTRIC BUILT-INS**—Informative folders describe Vesta giant 24" oven, 16" oven and new 18" electric oven with changeable color panels and removable door. Slim-line cook-top permits handy drawer underneath. Price 10c. Athens Stove Works.

**J103. KITCHEN IDEAS BOOKLET**—24 pages packed with sparkling, colorful ideas to make kitchens more attractive and more efficient—in old homes or new. Many full-color illustrations help you better visualize improvements in (Continued on page 126)

## CONTEST ANNOUNCEMENTS

Here you'll find information concerning two contests sponsored by companies in the home building field. If eligible and interested, write for entry blanks and requirements to: **HOME MODERNIZING GUIDE, READER SERVICE, 383 Madison Avenue, New York 17, N.Y.**

**CHANCE TO WIN** a 1963 Rambler, Westinghouse TV set, or a Bell & Howell movie camera, by using Stylon ceramic tile best in the 1962 year-long home remodeling contest. Entry blanks and helpful literature in attractive full color are available for 25c. (Send as directed above.) Stylon Corporation.

**CHANCE TO WIN**, absolutely free, trip for 2 to Acapulco, Mexico, plus \$200 spending money, plus a Bird Wind Seal Roof—materials and installation free. 4 secondary prizes of roof alone. If you own your home and need a new roof, write for information booklet. (Send as directed above.) Bird & Son, Inc.

## A PLEASING DESIGN LASTS FOREVER...

# FireHOOD

HAS IT

"Unique" is the word for the undefinable quality of FireHOOD that makes its design so everlastingly appealing. You can install it (by yourself, if necessary) and live with it comfortably for years. Available in 9 decorator colors.

## FIREHearth



A truly practical and decorative change-of-pace in fireplaces. Installs as easily as FireHOOD... either free-standing or wall-hanging models.

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**CONDON-KING CO., INC.**  
1247 Rainier Ave. • Seattle 4, Wash.



## Free Booklet

tells what's new in bathroom fixtures

- Shows five distinctive Case water closets including luxurious wall-hung and floor models
- Shows a full selection of 16 Case lavatories both built-in and wall-hung
- Explains why famous Case One-piece Closets positively will not overflow
- Shows 45 decorator color choices plus sparkling black and gleaming white to complement your decor

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Please send me your free booklet, "The Look of Luxury in Bathroom Fixtures." We are planning to ☐ Build ☐ Remodel

Name.....

Address.....

City.....County.....State.....

**CASE MANUFACTURING**  
Division of Ogden Corporation  
1062 Pine Street • Robinson, Illinois



1962 is HOME MODERNIZING GUIDE'S 10th Anniversary. More than fourteen years ago, the readers of SMALL HOMES GUIDE, now NEW HOMES GUIDE, told us they resisted leaving their friends and neighborhood to get more room and comforts. Could they do something about the home they owned to make it as up-to-date as larger homes being built nearby? The editors studied the idea, saw the logic, and learned your local problems.

That's when HOME MODERNIZING GUIDE was born. An editorial in the first issue said, "Your remodeling problem may be a major one calling for re-design of your house, with a crew of carpenters, plumbers, electricians, and others, changing the old place beyond recognition. Or you may have a step-by-step long-term remodeling program in mind, with you yourself doing much of the work. Whatever the job, we invite you to turn the pages of this publication. You'll find them packed with inspirational ideas that can make your job easier."

They did. *You* do today, as you develop your homes and discover "You needn't go modern to modernize."





Formica Illustrated: Cabinets Highland Walnut #93-BG-39, Tops Primrose Linen #55-C-16

## FREE! Write for Formica® Kitchen and Bathroom Ideas

Here's real help for homemakers with building or remodeling plans. Colorful idea rooms — suggestions on use and care of Formica surfaces — a Formica Blue Book of Qualified Dealers with names, addresses and phone numbers of craftsmen skilled in working with this famous long lasting material.

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Floor in shimmering new Kentile® "Constellation" Vinyl Asbestos Tile. Leo Black color accented by Burnt Orange Feature Strips. Black Wall Base is Vinyl KenCove®.

*Here's a sparkling Kentile vinyl floor  
you can self-install for about \$65!*

**Golden metallic chips** embedded in translucent vinyl! That's new Kentile "Constellation" Vinyl Asbestos Tile. About \$65 buys everything: tile, adhesive, *and* feature strip for any 12' x 15' area! Rather have your dealer do it? Tile costs less to have installed than flooring in rolls. Your nearby Kentile Dealer? Check the Yellow Pages for his address.



**Install it yourself...** in any room in your home. Goes right over your old floor. All you need are scissors, a brush, and adhesive! Your choice of 6 handsome colors.



**Dirt, grease can't stick** to this super-smooth surface. Result? "Constellation" is the easiest floor of all to clean... and keep clean. Each waxing lasts far longer!



**Vinyl KenCove Wall Bases** simplifies cleaning. The perfect finishing touch where wall meets floor. Won't show mop marks. Never needs painting. Available in 8 colors.

**KENTILE VINYL FLOORS**



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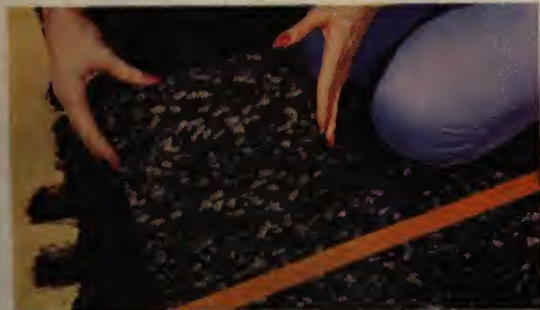
From the collection of:

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Floor in shimmering new Kentile® "Constellation" Vinyl Asbestos Tile, Leo Black color accented by Burnt Orange Feature Strips. Black Wall Base is Vinyl KenCove®.

*Here's a sparkling Kentile vinyl floor  
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**Vinyl KenCove Wall Base** simplifies cleaning. The perfect finishing touch where wall meets floor. Won't show mop marks. Never needs painting. Available in 8 colors.

**KENTILE VINYL FLOORS**